



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

April 19, 2019

Jay Klein
Trinity Environmental
19855 Southwest Frwy
Suite 320
Sugar Land, TX 77479

Work Order: **HS19040940**

Laboratory Results for: **2nd 80s Fire**

Dear Jay,

ALS Environmental received 16 sample(s) on Apr 16, 2019 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

A handwritten signature in cursive script that reads "Bernadette Fini".

Generated By: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

**TRRP Laboratory Data
Package Cover Page**

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
 - a) Items consistent with NELAC Chapter 5,
 - b) dilution factors,
 - c) preparation methods,
 - d) cleanup methods, and
 - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
 - a) Calculated recovery (%R), and
 - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
 - a) LCS spiking amounts,
 - b) Calculated %R for each analyte, and
 - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
 - a) Samples associated with the MS/MSD clearly identified,
 - b) MS/MSD spiking amounts,
 - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
 - d) Calculated %Rs and relative percent differences (RPDs), and
 - e) The laboratory's MS/MSD QC limits.
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
 - a) the amount of analyte measured in the duplicate,
 - b) the calculated RPD, and
 - c) the laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.
- R10 Other problems or anomalies.
 The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: **HS19040940**

**TRRP Laboratory Data
Package Cover Page**

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory have been identified by the laboratory in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: [NA] This laboratory meets an exception under 30 TAC §25.6 and was last inspected by TCEQ or _____ on (enter date of last inspection). Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.



Bernadette A. Fini
Project Manager

Laboratory Review Checklist: Reportable Data
Privileged and Confidential - prepared at the request of Counsel

Laboratory Name: ALS Laboratory Group		LRC Date: 04/19/2019					
Project Name: 2nd 80s Fire		Laboratory Job Number: HS19040940					
Reviewer Name: Bernadette Fini		Prep Batch Number(s): 139684,139886,139896,139960,R336835,R336836,R336904,R336952					
# ¹	A ²	Description	Yes	No	NA ³	NR ⁴	ER ⁵
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW-846 Method 5035?	X				
		If required for the project, TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			1
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			3
		Were MS/MSD RPDs within laboratory QC limits?		X			4
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Were all necessary corrective actions performed for the reported data?	X				
		Was applicable and available technology used to lower the SDL and minimize the matrix interference affects on the sample results?	X				5
		Is the laboratory NELAC-accredited under the Texas Laboratory Program for the analytes, matrices and methods associated with this laboratory data package?	X				6

Laboratory Review Checklist - Supporting Data							
Laboratory Name: ALS Laboratory Group				LRC Date: 04/19/2019			
Project Name: 2nd 80s Fire				Laboratory Job Number: HS19040940			
Reviewer Name: Bernadette Fini				Prep Batch Number(s): 139684,139886,139896,139960,R336835,R336836,R336904,R336952			
# ¹	A ²	Description	Yes	No	NA ³	NR ⁴	ER# ⁵
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB)					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?		X			7
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning:					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS):					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs):					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results:					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports:					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs):					
		Are laboratory SOPs current and on file for each method performed?	X				

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

O = Organic Analyses; I = Inorganic Analyses (and general chemistry, when applicable);

NA = Not Applicable;

NR = Not Reviewed;

R# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports

Laboratory Name: ALS Laboratory Group		LRC Date: 04/19/2019
Project Name: 2nd 80s Fire		Laboratory Job Number: HS19040940
Reviewer Name: Bernadette Fini		Prep Batch Number(s): 139684,139886,139896,139960,R336835,R336836,R336904,R336952
ER# ⁵	Description	
1	Semivolatile Organics Method SW8270, sample SS-13 (0-6"), the surrogates could not be determined due to dilution below the calibration range. Semivolatile Organics Method SW8270, sample SS-5 (0-6"), surrogate 2-Fluorophenol recovered below the control limit due to sample dilution.	
2	Batch 139896, Semivolatile Organics Method SW8270, LCS recovery was above the control limits for 3,3'-Dichlorobenzidine, Benzaldehyde, Bis(2-chloroisopropyl)ether and Caprolactam. The associated results are non detect.	
3	Batch 139886, Texas TPH by TX1005, sample HS19040757-01, MS and MSD were performed on unrelated sample. Batch 139884, Metals Method SW6020, sample SS-14 (0-6"), MS and or MSD recovered outside the control limits for Chromium and Lead due to suspect matrix effect. For Barium the result in the parent sample is greater than 4x the spike amount. Batch 139896, Semivolatile Organics Method SW8270, sample HS19040940-01, MS and MSD were performed on unrelated sample. Batch R336904, Volatile Organics Method SW8260, sample HS19041043-01, MS and MSD were performed on unrelated sample Batch R336952, Volatile Organics Method SW8260, sample HS19040781-04, MS and MSD were performed on unrelated sample	
4	Batch 139884, Metals Method SW6020, sample SS-14 (0-6"), MS/MSD RPD recovered above the RPD limit for Barium, Chromium and Lead, Batch 139896, Semivolatile Organics Method SW8270, sample HS19040940-01, MS/MSD RPD was performed on unrelated sample Batch R336952, Volatile Organics Method SW8260, sample HS19040781-04, MS/MSD RPD was performed on unrelated sample	
5	Batch R336904, Volatile Organics Method SW8260. All samples were ran at 10X dilution due to sample matrix.	
6	With the exception of Volatile Organics Method SW8260 Cyclohexane and Semivolatile Organics Method SW8270 Benzaldehyde, ALS is NELAC-accredited under the Texas Laboratory Program for the analytes, matrices and methods associated with this laboratory data package. Because TCEQ does not offer accreditation for these compounds, the results are flagged with n.	
7	Batch R336904, Volatile Organics Method SW8260,; Dichlorodifluoromethane high on CCV. The analyte was not detected in the associated samples.	
<p>Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.</p> <p>O = Organic Analyses; I = Inorganic Analyses (and general chemistry, when applicable); NA = Not Applicable; NR = Not Reviewed; R# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).</p>		

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
Work Order: HS19040940

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS19040940-01	SS-14 (0-6")	Soil		16-Apr-2019 08:15	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-02	SS-13 (0-6")	Soil		16-Apr-2019 08:40	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-03	SS-12 (0-6")	Soil		16-Apr-2019 08:55	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-04	SS-2 (0-6")	Soil		16-Apr-2019 09:10	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-05	SS-1 (0-6")	Soil		16-Apr-2019 09:25	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-06	SS-3 (0-6")	Soil		16-Apr-2019 09:45	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-07	SS-4 (0-6")	Soil		16-Apr-2019 09:55	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-08	SS-5 (0-6")	Soil		16-Apr-2019 10:15	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-09	SS-6 (0-6")	Soil		16-Apr-2019 10:40	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-10	SS-10 (0-6")	Soil		16-Apr-2019 11:10	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-11	SS-11 (0-6")	Soil		16-Apr-2019 11:25	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-12	SS-8 (0-6")	Soil		16-Apr-2019 11:45	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-13	SS-9 (0-6")	Soil		16-Apr-2019 12:25	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-14	SS-7 (0-6")	Soil		16-Apr-2019 12:40	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-15	Trip Blank VBLKW-040119-96	Water		16-Apr-2019 00:00	16-Apr-2019 15:13	<input type="checkbox"/>
HS19040940-16	Trip Blank VBLKW-040119-105	Water		16-Apr-2019 00:00	16-Apr-2019 15:13	<input checked="" type="checkbox"/>

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-14 (0-6")
 Collection Date: 16-Apr-2019 08:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,1,2,2-Tetrachloroethane	U		0.00074	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00064	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,1,2-Trichloroethane	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,1-Dichloroethane	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,1-Dichloroethene	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,2,4-Trichlorobenzene	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,2-Dibromo-3-chloropropane	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,2-Dibromoethane	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,2-Dichlorobenzene	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,2-Dichloroethane	U		0.00055	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,2-Dichloropropane	U		0.00074	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,3-Dichlorobenzene	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
1,4-Dichlorobenzene	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
2-Butanone	U		0.0012	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
2-Hexanone	U		0.0013	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
4-Methyl-2-pentanone	U		0.0018	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
Acetone	U		0.0018	0.018	mg/Kg-dry	1	18-Apr-2019 15:43
Benzene	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Bromodichloromethane	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Bromoform	U		0.00055	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Bromomethane	U		0.00092	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
Carbon disulfide	U		0.00055	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
Carbon tetrachloride	U		0.00055	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Chlorobenzene	U		0.00055	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Chloroethane	U		0.00074	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
Chloroform	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Chloromethane	U		0.00046	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
cis-1,2-Dichloroethene	U		0.00074	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
cis-1,3-Dichloropropene	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Cyclohexane	U	n	0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Dibromochloromethane	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Dichlorodifluoromethane	U		0.00064	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Ethylbenzene	U		0.00064	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Isopropylbenzene	U		0.00083	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
m,p-Xylene	U		0.0015	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
Methyl acetate	U		0.00064	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Methyl tert-butyl ether	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Methylcyclohexane	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-14 (0-6")
 Collection Date: 16-Apr-2019 08:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: WLR			
Methylene chloride	U		0.00092	0.0092	mg/Kg-dry	1	18-Apr-2019 15:43
o-Xylene	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Styrene	U		0.00064	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Tetrachloroethene	U		0.00064	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Toluene	U		0.00055	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
trans-1,2-Dichloroethene	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
trans-1,3-Dichloropropene	U		0.00055	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Trichloroethene	U		0.00055	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Trichlorofluoromethane	U		0.00046	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
Vinyl chloride	U		0.00074	0.0018	mg/Kg-dry	1	18-Apr-2019 15:43
Xylenes, Total	U		0.00092	0.0046	mg/Kg-dry	1	18-Apr-2019 15:43
<i>Surr: 1,2-Dichloroethane-d4</i>		<i>92.5</i>		<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 15:43</i>
<i>Surr: 4-Bromofluorobenzene</i>		<i>99.0</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 15:43</i>
<i>Surr: Dibromofluoromethane</i>		<i>93.4</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 15:43</i>
<i>Surr: Toluene-d8</i>		<i>100</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 15:43</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-14 (0-6")
 Collection Date: 16-Apr-2019 08:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.095	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2,4,5-Trichlorophenol	U		0.14	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2,4,6-Trichlorophenol	U		0.095	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2,4-Dichlorophenol	U		0.073	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2,4-Dimethylphenol	U		0.18	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2,4-Dinitrophenol	U		0.25	0.74	mg/Kg-dry	10	18-Apr-2019 15:13
2,4-Dinitrotoluene	U		0.050	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2,6-Dinitrotoluene	U		0.18	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2-Chloronaphthalene	U		0.073	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2-Chlorophenol	U		0.073	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2-Methylnaphthalene	U		0.028	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
2-Methylphenol	U		0.061	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2-Nitroaniline	U		0.11	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
2-Nitrophenol	U		0.14	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
3&4-Methylphenol	U		0.056	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
3,3'-Dichlorobenzidine	U		0.14	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
3-Nitroaniline	U		0.11	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
4,6-Dinitro-2-methylphenol	U		0.12	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
4-Bromophenyl phenyl ether	U		0.089	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
4-Chloro-3-methylphenol	U		0.039	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
4-Chloroaniline	U		0.061	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
4-Chlorophenyl phenyl ether	U		0.084	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
4-Nitroaniline	U		0.12	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
4-Nitrophenol	U		0.11	0.74	mg/Kg-dry	10	18-Apr-2019 15:13
Acenaphthene	U		0.028	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Acenaphthylene	U		0.056	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Acetophenone	U		0.045	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Anthracene	U		0.028	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Atrazine	U		0.11	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Benz(a)anthracene	0.14	J	0.089	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Benzaldehyde	U	n	0.067	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Benzo(a)pyrene	0.17	J	0.056	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Benzo(b)fluoranthene	0.22		0.067	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Benzo(g,h,i)perylene	0.17	J	0.039	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Benzo(k)fluoranthene	0.11	J	0.050	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Bis(2-chloroethoxy)methane	U		0.050	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Bis(2-chloroethyl)ether	U		0.061	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Bis(2-chloroisopropyl)ether	U		0.078	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Bis(2-ethylhexyl)phthalate	U		0.095	0.37	mg/Kg-dry	10	18-Apr-2019 15:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-14 (0-6")
 Collection Date: 16-Apr-2019 08:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 16-Apr-2019		Analyst: ACN
Butyl benzyl phthalate		U	0.073	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Caprolactam		U	0.067	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Carbazole		U	0.067	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Chrysene	0.22		0.045	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Dibenz(a,h)anthracene		U	0.089	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Dibenzofuran		U	0.039	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Diethyl phthalate		U	0.056	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Dimethyl phthalate		U	0.045	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Di-n-butyl phthalate		U	0.067	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Di-n-octyl phthalate		U	0.050	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Fluoranthene	0.22		0.061	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Fluorene		U	0.061	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Hexachlorobenzene		U	0.050	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Hexachlorobutadiene		U	0.067	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Hexachlorocyclopentadiene		U	0.045	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Hexachloroethane		U	0.084	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Indeno(1,2,3-cd)pyrene	0.11	J	0.045	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Isophorone		U	0.045	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Naphthalene		U	0.034	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Nitrobenzene		U	0.050	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
N-Nitrosodi-n-propylamine		U	0.061	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
N-Nitrosodiphenylamine		U	0.039	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Pentachlorophenol		U	0.18	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Phenanthrene		U	0.084	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
Phenol		U	0.061	0.37	mg/Kg-dry	10	18-Apr-2019 15:13
Pyrene	0.21		0.034	0.18	mg/Kg-dry	10	18-Apr-2019 15:13
<i>Surr: 2,4,6-Tribromophenol</i>	<i>105</i>			<i>36-126</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 15:13</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>81.5</i>			<i>43-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 15:13</i>
<i>Surr: 2-Fluorophenol</i>	<i>40.3</i>			<i>37-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 15:13</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>110</i>			<i>32-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 15:13</i>
<i>Surr: Nitrobenzene-d5</i>	<i>81.3</i>			<i>37-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 15:13</i>
<i>Surr: Phenol-d6</i>	<i>55.4</i>			<i>40-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 15:13</i>
TEXAS TPH BY TX1005		Method:TX1005			Prep:TX1005PR / 16-Apr-2019		Analyst: MBG
nC6 to nC12		U	8.0	54	mg/Kg-dry	1	18-Apr-2019 08:33
>nC12 to nC28		U	11	54	mg/Kg-dry	1	18-Apr-2019 08:33
>nC28 to nC35	15	J	11	54	mg/Kg-dry	1	18-Apr-2019 08:33
Total Petroleum Hydrocarbon	15.0	J	8.0	54	mg/Kg-dry	1	18-Apr-2019 08:33
<i>Surr: 2-Fluorobiphenyl</i>	<i>101</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 08:33</i>
<i>Surr: Trifluoromethyl benzene</i>	<i>104</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 08:33</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-14 (0-6")
 Collection Date: 16-Apr-2019 08:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A		Method:SW6020			Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	2.41		0.0744	0.532	mg/Kg-dry	1	17-Apr-2019 23:15
Barium	121		0.0319	0.532	mg/Kg-dry	1	17-Apr-2019 23:15
Cadmium	0.433	J	0.0287	0.532	mg/Kg-dry	1	17-Apr-2019 23:15
Chromium	20.8		0.0245	0.532	mg/Kg-dry	1	17-Apr-2019 23:15
Lead	41.3		0.0138	0.532	mg/Kg-dry	1	17-Apr-2019 23:15
Selenium	0.532		0.0968	0.532	mg/Kg-dry	1	17-Apr-2019 23:15
Silver	0.0788	J	0.0160	0.532	mg/Kg-dry	1	17-Apr-2019 23:15
MERCURY BY SW7471B		Method:SW7471A			Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0184		0.000555	0.00392	mg/Kg-dry	1	18-Apr-2019 15:42
MOISTURE - ASTM D2216		Method:ASTM D2216					Analyst: MWG
Percent Moisture	10.9		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-13 (0-6")
 Collection Date: 16-Apr-2019 08:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,1,2,2-Tetrachloroethane	U		0.0011	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00098	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,1,2-Trichloroethane	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,1-Dichloroethane	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,1-Dichloroethene	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,2,4-Trichlorobenzene	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,2-Dibromo-3-chloropropane	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,2-Dibromoethane	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,2-Dichlorobenzene	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,2-Dichloroethane	U		0.00084	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,2-Dichloropropane	U		0.0011	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,3-Dichlorobenzene	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
1,4-Dichlorobenzene	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
2-Butanone	U		0.0018	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
2-Hexanone	U		0.0020	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
4-Methyl-2-pentanone	U		0.0028	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
Acetone	U		0.0028	0.028	mg/Kg-dry	1	18-Apr-2019 16:08
Benzene	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Bromodichloromethane	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Bromoform	U		0.00084	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Bromomethane	U		0.0014	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
Carbon disulfide	U		0.00084	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
Carbon tetrachloride	U		0.00084	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Chlorobenzene	U		0.00084	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Chloroethane	U		0.0011	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
Chloroform	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Chloromethane	U		0.00070	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
cis-1,2-Dichloroethene	U		0.0011	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
cis-1,3-Dichloropropene	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Cyclohexane	U	n	0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Dibromochloromethane	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Dichlorodifluoromethane	U		0.00098	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Ethylbenzene	U		0.00098	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Isopropylbenzene	U		0.0013	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
m,p-Xylene	U		0.0022	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
Methyl acetate	U		0.00098	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Methyl tert-butyl ether	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Methylcyclohexane	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-13 (0-6")
 Collection Date: 16-Apr-2019 08:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: WLR			
Methylene chloride	U		0.0014	0.014	mg/Kg-dry	1	18-Apr-2019 16:08
o-Xylene	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Styrene	U		0.00098	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Tetrachloroethene	U		0.00098	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Toluene	U		0.00084	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
trans-1,2-Dichloroethene	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
trans-1,3-Dichloropropene	U		0.00084	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Trichloroethene	U		0.00084	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Trichlorofluoromethane	U		0.00070	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
Vinyl chloride	U		0.0011	0.0028	mg/Kg-dry	1	18-Apr-2019 16:08
Xylenes, Total	U		0.0014	0.0070	mg/Kg-dry	1	18-Apr-2019 16:08
<i>Surr: 1,2-Dichloroethane-d4</i>		92.8		70-126	%REC	1	18-Apr-2019 16:08
<i>Surr: 4-Bromofluorobenzene</i>		91.8		70-130	%REC	1	18-Apr-2019 16:08
<i>Surr: Dibromofluoromethane</i>		95.7		70-130	%REC	1	18-Apr-2019 16:08
<i>Surr: Toluene-d8</i>		102		70-130	%REC	1	18-Apr-2019 16:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-13 (0-6")
 Collection Date: 16-Apr-2019 08:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D			Method:SW8270			Prep:SW3541 / 16-Apr-2019	Analyst: ACN
1,1'-Biphenyl	U		0.17	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2,4,5-Trichlorophenol	U		0.25	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2,4,6-Trichlorophenol	U		0.17	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2,4-Dichlorophenol	U		0.13	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2,4-Dimethylphenol	U		0.33	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2,4-Dinitrophenol	U		0.45	1.3	mg/Kg-dry	10	17-Apr-2019 20:20
2,4-Dinitrotoluene	U		0.090	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2,6-Dinitrotoluene	U		0.33	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2-Chloronaphthalene	U		0.13	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2-Chlorophenol	U		0.13	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2-Methylnaphthalene	U		0.050	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
2-Methylphenol	U		0.11	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2-Nitroaniline	U		0.19	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
2-Nitrophenol	U		0.25	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
3&4-Methylphenol	U		0.10	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
3,3'-Dichlorobenzidine	U		0.25	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
3-Nitroaniline	U		0.19	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
4,6-Dinitro-2-methylphenol	U		0.21	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
4-Bromophenyl phenyl ether	U		0.16	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
4-Chloro-3-methylphenol	U		0.070	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
4-Chloroaniline	U		0.11	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
4-Chlorophenyl phenyl ether	U		0.15	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
4-Nitroaniline	U		0.22	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
4-Nitrophenol	U		0.19	1.3	mg/Kg-dry	10	17-Apr-2019 20:20
Acenaphthene	U		0.050	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Acenaphthylene	U		0.10	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Acetophenone	U		0.080	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Anthracene	U		0.050	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Atrazine	U		0.20	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Benz(a)anthracene	U		0.16	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Benzaldehyde	U	n	0.12	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Benzo(a)pyrene	U		0.10	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Benzo(b)fluoranthene	U		0.12	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Benzo(g,h,i)perylene	U		0.070	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Benzo(k)fluoranthene	U		0.090	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Bis(2-chloroethoxy)methane	U		0.090	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Bis(2-chloroethyl)ether	U		0.11	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Bis(2-chloroisopropyl)ether	U		0.14	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Bis(2-ethylhexyl)phthalate	U		0.17	0.66	mg/Kg-dry	10	17-Apr-2019 20:20

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-13 (0-6")
 Collection Date: 16-Apr-2019 08:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	U		0.13	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Caprolactam	U		0.12	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Carbazole	U		0.12	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Chrysene	U		0.080	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Dibenz(a,h)anthracene	U		0.16	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Dibenzofuran	U		0.070	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Diethyl phthalate	U		0.10	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Dimethyl phthalate	U		0.080	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Di-n-butyl phthalate	U		0.12	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Di-n-octyl phthalate	U		0.090	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Fluoranthene	U		0.11	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Fluorene	U		0.11	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Hexachlorobenzene	U		0.090	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Hexachlorobutadiene	U		0.12	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Hexachlorocyclopentadiene	U		0.080	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Hexachloroethane	U		0.15	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Indeno(1,2,3-cd)pyrene	U		0.080	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Isophorone	U		0.080	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Naphthalene	U		0.060	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Nitrobenzene	U		0.090	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
N-Nitrosodi-n-propylamine	U		0.11	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
N-Nitrosodiphenylamine	U		0.070	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Pentachlorophenol	U		0.33	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Phenanthrene	U		0.15	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Phenol	U		0.11	0.66	mg/Kg-dry	10	17-Apr-2019 20:20
Pyrene	U		0.060	0.33	mg/Kg-dry	10	17-Apr-2019 20:20
Surr: 2,4,6-Tribromophenol	0	S		36-126	%REC	10	17-Apr-2019 20:20
Surr: 2-Fluorobiphenyl	0	S		43-125	%REC	10	17-Apr-2019 20:20
Surr: 2-Fluorophenol	0	S		37-125	%REC	10	17-Apr-2019 20:20
Surr: 4-Terphenyl-d14	0	S		32-125	%REC	10	17-Apr-2019 20:20
Surr: Nitrobenzene-d5	0	S		37-125	%REC	10	17-Apr-2019 20:20
Surr: Phenol-d6	0	S		40-125	%REC	10	17-Apr-2019 20:20
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12	U		8.8	59	mg/Kg-dry	1	19-Apr-2019 10:55
>nC12 to nC28	20	J	12	59	mg/Kg-dry	1	19-Apr-2019 10:55
>nC28 to nC35	150		12	59	mg/Kg-dry	1	19-Apr-2019 10:55
Total Petroleum Hydrocarbon	170		8.8	59	mg/Kg-dry	1	19-Apr-2019 10:55
Surr: 2-Fluorobiphenyl	109			70-130	%REC	1	19-Apr-2019 10:55
Surr: Trifluoromethyl benzene	108			70-130	%REC	1	19-Apr-2019 10:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-13 (0-6")
 Collection Date: 16-Apr-2019 08:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	3.43		0.0734	0.525	mg/Kg-dry	1	17-Apr-2019 23:30
Barium	109		0.0315	0.525	mg/Kg-dry	1	17-Apr-2019 23:30
Cadmium	0.361	J	0.0283	0.525	mg/Kg-dry	1	17-Apr-2019 23:30
Chromium	17.9		0.0241	0.525	mg/Kg-dry	1	17-Apr-2019 23:30
Lead	62.6		0.0136	0.525	mg/Kg-dry	1	17-Apr-2019 23:30
Selenium	0.591		0.0955	0.525	mg/Kg-dry	1	17-Apr-2019 23:30
Silver	0.0687	J	0.0157	0.525	mg/Kg-dry	1	17-Apr-2019 23:30
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0307		0.000544	0.00385	mg/Kg-dry	1	18-Apr-2019 15:44
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	10.7		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-12 (0-6")
 Collection Date: 16-Apr-2019 08:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,1,2,2-Tetrachloroethane	U		0.00089	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00077	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,1,2-Trichloroethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,1-Dichloroethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,1-Dichloroethene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,2,4-Trichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,2-Dibromo-3-chloropropane	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,2-Dibromoethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,2-Dichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,2-Dichloroethane	U		0.00066	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,2-Dichloropropane	U		0.00089	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,3-Dichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
1,4-Dichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
2-Butanone	U		0.0014	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
2-Hexanone	U		0.0015	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
4-Methyl-2-pentanone	U		0.0022	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
Acetone	U		0.0022	0.022	mg/Kg-dry	1	18-Apr-2019 16:33
Benzene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Bromodichloromethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Bromoform	U		0.00066	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
Carbon disulfide	U		0.00066	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
Carbon tetrachloride	U		0.00066	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Chlorobenzene	U		0.00066	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Chloroethane	U		0.00089	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
Chloroform	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Chloromethane	U		0.00055	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
cis-1,2-Dichloroethene	U		0.00089	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
cis-1,3-Dichloropropene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Cyclohexane	U	n	0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Dibromochloromethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Dichlorodifluoromethane	U		0.00077	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Ethylbenzene	U		0.00077	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Isopropylbenzene	U		0.0010	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
m,p-Xylene	U		0.0018	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
Methyl acetate	U		0.00077	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Methyl tert-butyl ether	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Methylcyclohexane	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-12 (0-6")
 Collection Date: 16-Apr-2019 08:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C	Method:SW8260						Analyst: WLR
Methylene chloride	U		0.0011	0.011	mg/Kg-dry	1	18-Apr-2019 16:33
o-Xylene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Styrene	U		0.00077	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Tetrachloroethene	U		0.00077	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Toluene	U		0.00066	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
trans-1,2-Dichloroethene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
trans-1,3-Dichloropropene	U		0.00066	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Trichloroethene	U		0.00066	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Trichlorofluoromethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
Vinyl chloride	U		0.00089	0.0022	mg/Kg-dry	1	18-Apr-2019 16:33
Xylenes, Total	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 16:33
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>91.2</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 16:33</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>88.9</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 16:33</i>
<i>Surr: Dibromofluoromethane</i>	<i>94.4</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 16:33</i>
<i>Surr: Toluene-d8</i>	<i>107</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 16:33</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-12 (0-6")
 Collection Date: 16-Apr-2019 08:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.042	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2,4,5-Trichlorophenol	U		0.062	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2,4,6-Trichlorophenol	U		0.042	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2,4-Dichlorophenol	U		0.032	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2,4-Dimethylphenol	U		0.082	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2,4-Dinitrophenol	U		0.11	0.33	mg/Kg-dry	10	17-Apr-2019 20:40
2,4-Dinitrotoluene	U		0.022	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2,6-Dinitrotoluene	U		0.082	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2-Chloronaphthalene	U		0.032	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2-Chlorophenol	U		0.032	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2-Methylnaphthalene	U		0.012	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
2-Methylphenol	U		0.027	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2-Nitroaniline	U		0.047	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
2-Nitrophenol	U		0.062	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
3&4-Methylphenol	U		0.025	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
3,3'-Dichlorobenzidine	U		0.062	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
3-Nitroaniline	U		0.047	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
4,6-Dinitro-2-methylphenol	U		0.052	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
4-Bromophenyl phenyl ether	U		0.040	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
4-Chloro-3-methylphenol	U		0.017	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
4-Chloroaniline	U		0.027	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
4-Chlorophenyl phenyl ether	U		0.037	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
4-Nitroaniline	U		0.054	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
4-Nitrophenol	U		0.047	0.33	mg/Kg-dry	10	17-Apr-2019 20:40
Acenaphthene	U		0.012	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Acenaphthylene	U		0.025	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Acetophenone	U		0.020	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Anthracene	0.014	J	0.012	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Atrazine	U		0.050	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Benz(a)anthracene	0.17		0.040	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Benzaldehyde	U	n	0.030	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Benzo(a)pyrene	0.19		0.025	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Benzo(b)fluoranthene	0.33		0.030	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Benzo(g,h,i)perylene	0.19		0.017	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Benzo(k)fluoranthene	0.13		0.022	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Bis(2-chloroethoxy)methane	U		0.022	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Bis(2-chloroethyl)ether	U		0.027	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Bis(2-chloroisopropyl)ether	U		0.035	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Bis(2-ethylhexyl)phthalate	0.33		0.042	0.16	mg/Kg-dry	10	17-Apr-2019 20:40

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-12 (0-6")
 Collection Date: 16-Apr-2019 08:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate		U	0.032	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Caprolactam		U	0.030	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Carbazole		U	0.030	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Chrysene	0.28		0.020	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Dibenz(a,h)anthracene	0.062	J	0.040	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Dibenzofuran		U	0.017	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Diethyl phthalate		U	0.025	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Dimethyl phthalate	0.24		0.020	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Di-n-butyl phthalate		U	0.030	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Di-n-octyl phthalate		U	0.022	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Fluoranthene	0.36		0.027	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Fluorene		U	0.027	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Hexachlorobenzene		U	0.022	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Hexachlorobutadiene		U	0.030	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Hexachlorocyclopentadiene		U	0.020	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Hexachloroethane		U	0.037	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Indeno(1,2,3-cd)pyrene	0.16		0.020	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Isophorone		U	0.020	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Naphthalene		U	0.015	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Nitrobenzene		U	0.022	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
N-Nitrosodi-n-propylamine		U	0.027	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
N-Nitrosodiphenylamine		U	0.017	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Pentachlorophenol		U	0.082	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Phenanthrene	0.11		0.037	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
Phenol		U	0.027	0.16	mg/Kg-dry	10	17-Apr-2019 20:40
Pyrene	0.28		0.015	0.082	mg/Kg-dry	10	17-Apr-2019 20:40
<i>Surr: 2,4,6-Tribromophenol</i>	83.3			36-126	%REC	10	17-Apr-2019 20:40
<i>Surr: 2-Fluorobiphenyl</i>	88.7			43-125	%REC	10	17-Apr-2019 20:40
<i>Surr: 2-Fluorophenol</i>	43.4			37-125	%REC	10	17-Apr-2019 20:40
<i>Surr: 4-Terphenyl-d14</i>	86.7			32-125	%REC	10	17-Apr-2019 20:40
<i>Surr: Nitrobenzene-d5</i>	69.7			37-125	%REC	10	17-Apr-2019 20:40
<i>Surr: Phenol-d6</i>	74.7			40-125	%REC	10	17-Apr-2019 20:40
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12		U	8.0	54	mg/Kg-dry	1	18-Apr-2019 09:31
>nC12 to nC28		U	11	54	mg/Kg-dry	1	18-Apr-2019 09:31
>nC28 to nC35	16	J	11	54	mg/Kg-dry	1	18-Apr-2019 09:31
Total Petroleum Hydrocarbon	16.0	J	8.0	54	mg/Kg-dry	1	18-Apr-2019 09:31
<i>Surr: 2-Fluorobiphenyl</i>	101			70-130	%REC	1	18-Apr-2019 09:31
<i>Surr: Trifluoromethyl benzene</i>	104			70-130	%REC	1	18-Apr-2019 09:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-12 (0-6")
 Collection Date: 16-Apr-2019 08:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	4.55		0.0805	0.575	mg/Kg-dry	1	17-Apr-2019 23:33
Barium	162		0.0345	0.575	mg/Kg-dry	1	17-Apr-2019 23:33
Cadmium	0.648		0.0310	0.575	mg/Kg-dry	1	17-Apr-2019 23:33
Chromium	36.2		0.0264	0.575	mg/Kg-dry	1	17-Apr-2019 23:33
Lead	37.6		0.0149	0.575	mg/Kg-dry	1	17-Apr-2019 23:33
Selenium	0.626		0.105	0.575	mg/Kg-dry	1	17-Apr-2019 23:33
Silver	0.190	J	0.0172	0.575	mg/Kg-dry	1	17-Apr-2019 23:33
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0527		0.000627	0.00444	mg/Kg-dry	1	18-Apr-2019 15:46
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	19.6		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-2 (0-6")
 Collection Date: 16-Apr-2019 09:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,1,2,2-Tetrachloroethane	U		0.00075	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00066	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,1,2-Trichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,1-Dichloroethane	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,1-Dichloroethene	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,2,4-Trichlorobenzene	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,2-Dibromo-3-chloropropane	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,2-Dibromoethane	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,2-Dichlorobenzene	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,2-Dichloroethane	U		0.00056	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,2-Dichloropropane	U		0.00075	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,3-Dichlorobenzene	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
1,4-Dichlorobenzene	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
2-Butanone	U		0.0012	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
2-Hexanone	U		0.0013	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
4-Methyl-2-pentanone	U		0.0019	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
Acetone	U		0.0019	0.019	mg/Kg-dry	1	18-Apr-2019 16:58
Benzene	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Bromodichloromethane	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Bromoform	U		0.00056	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Bromomethane	U		0.00094	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
Carbon disulfide	U		0.00056	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
Carbon tetrachloride	U		0.00056	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Chlorobenzene	U		0.00056	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Chloroethane	U		0.00075	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
Chloroform	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Chloromethane	U		0.00047	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
cis-1,2-Dichloroethene	U		0.00075	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
cis-1,3-Dichloropropene	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Cyclohexane	U	n	0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Dibromochloromethane	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Dichlorodifluoromethane	U		0.00066	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Ethylbenzene	U		0.00066	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Isopropylbenzene	U		0.00084	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
m,p-Xylene	U		0.0015	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
Methyl acetate	U		0.00066	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Methyl tert-butyl ether	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Methylcyclohexane	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-2 (0-6")
 Collection Date: 16-Apr-2019 09:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: WLR			
Methylene chloride	U		0.00094	0.0094	mg/Kg-dry	1	18-Apr-2019 16:58
o-Xylene	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Styrene	U		0.00066	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Tetrachloroethene	U		0.00066	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Toluene	U		0.00056	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
trans-1,2-Dichloroethene	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
trans-1,3-Dichloropropene	U		0.00056	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Trichloroethene	U		0.00056	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Trichlorofluoromethane	U		0.00047	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
Vinyl chloride	U		0.00075	0.0019	mg/Kg-dry	1	18-Apr-2019 16:58
Xylenes, Total	U		0.00094	0.0047	mg/Kg-dry	1	18-Apr-2019 16:58
<i>Surr: 1,2-Dichloroethane-d4</i>		95.4		70-126	%REC	1	18-Apr-2019 16:58
<i>Surr: 4-Bromofluorobenzene</i>		95.4		70-130	%REC	1	18-Apr-2019 16:58
<i>Surr: Dibromofluoromethane</i>		96.1		70-130	%REC	1	18-Apr-2019 16:58
<i>Surr: Toluene-d8</i>		105		70-130	%REC	1	18-Apr-2019 16:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-2 (0-6")
 Collection Date: 16-Apr-2019 09:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.019	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2,4,5-Trichlorophenol	U		0.028	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2,4,6-Trichlorophenol	U		0.019	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2,4-Dichlorophenol	U		0.015	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2,4-Dimethylphenol	U		0.038	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2,4-Dinitrophenol	U		0.051	0.15	mg/Kg-dry	10	18-Apr-2019 15:32
2,4-Dinitrotoluene	U		0.010	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2,6-Dinitrotoluene	U		0.038	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2-Chloronaphthalene	U		0.015	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2-Chlorophenol	U		0.015	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2-Methylnaphthalene	U		0.0057	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
2-Methylphenol	U		0.013	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2-Nitroaniline	U		0.022	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
2-Nitrophenol	U		0.028	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
3&4-Methylphenol	U		0.011	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
3,3'-Dichlorobenzidine	U		0.028	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
3-Nitroaniline	U		0.022	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
4,6-Dinitro-2-methylphenol	U		0.024	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
4-Bromophenyl phenyl ether	U		0.018	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
4-Chloro-3-methylphenol	U		0.0080	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
4-Chloroaniline	U		0.013	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
4-Chlorophenyl phenyl ether	U		0.017	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
4-Nitroaniline	U		0.025	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
4-Nitrophenol	U		0.022	0.15	mg/Kg-dry	10	18-Apr-2019 15:32
Acenaphthene	U		0.0057	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Acenaphthylene	U		0.011	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Acetophenone	U		0.0091	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Anthracene	0.0085	J	0.0057	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Atrazine	U		0.023	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Benz(a)anthracene	0.079		0.018	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Benzaldehyde	U	n	0.014	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Benzo(a)pyrene	0.10		0.011	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Benzo(b)fluoranthene	0.13		0.014	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Benzo(g,h,i)perylene	0.100		0.0080	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Benzo(k)fluoranthene	0.081		0.010	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Bis(2-chloroethoxy)methane	U		0.010	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Bis(2-chloroethyl)ether	U		0.013	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Bis(2-chloroisopropyl)ether	U		0.016	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Bis(2-ethylhexyl)phthalate	0.10		0.019	0.075	mg/Kg-dry	10	18-Apr-2019 15:32

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-2 (0-6")
 Collection Date: 16-Apr-2019 09:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	0.025	J	0.015	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Caprolactam		U	0.014	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Carbazole		U	0.014	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Chrysene	0.12		0.0091	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Dibenz(a,h)anthracene	0.048		0.018	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Dibenzofuran		U	0.0080	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Diethyl phthalate		U	0.011	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Dimethyl phthalate	0.039	J	0.0091	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Di-n-butyl phthalate		U	0.014	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Di-n-octyl phthalate		U	0.010	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Fluoranthene	0.14		0.013	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Fluorene		U	0.013	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Hexachlorobenzene	0.037	J	0.010	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Hexachlorobutadiene		U	0.014	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Hexachlorocyclopentadiene		U	0.0091	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Hexachloroethane		U	0.017	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Indeno(1,2,3-cd)pyrene	0.075		0.0091	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Isophorone		U	0.0091	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Naphthalene		U	0.0068	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Nitrobenzene		U	0.010	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
N-Nitrosodi-n-propylamine		U	0.013	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
N-Nitrosodiphenylamine		U	0.0080	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Pentachlorophenol		U	0.038	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Phenanthrene	0.054		0.017	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Phenol		U	0.013	0.075	mg/Kg-dry	10	18-Apr-2019 15:32
Pyrene	0.12		0.0068	0.038	mg/Kg-dry	10	18-Apr-2019 15:32
Surr: 2,4,6-Tribromophenol	68.0			36-126	%REC	10	18-Apr-2019 15:32
Surr: 2-Fluorobiphenyl	74.4			43-125	%REC	10	18-Apr-2019 15:32
Surr: 2-Fluorophenol	44.2			37-125	%REC	10	18-Apr-2019 15:32
Surr: 4-Terphenyl-d14	90.8			32-125	%REC	10	18-Apr-2019 15:32
Surr: Nitrobenzene-d5	66.5			37-125	%REC	10	18-Apr-2019 15:32
Surr: Phenol-d6	42.7			40-125	%REC	10	18-Apr-2019 15:32
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12		U	7.3	49	mg/Kg-dry	1	18-Apr-2019 10:01
>nC12 to nC28		U	9.6	49	mg/Kg-dry	1	18-Apr-2019 10:01
>nC28 to nC35	10	J	9.6	49	mg/Kg-dry	1	18-Apr-2019 10:01
Total Petroleum Hydrocarbon	10.0	J	7.3	49	mg/Kg-dry	1	18-Apr-2019 10:01
Surr: 2-Fluorobiphenyl	100			70-130	%REC	1	18-Apr-2019 10:01
Surr: Trifluoromethyl benzene	106			70-130	%REC	1	18-Apr-2019 10:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-2 (0-6")
 Collection Date: 16-Apr-2019 09:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A		Method:SW6020			Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	3.65		0.0743	0.530	mg/Kg-dry	1	17-Apr-2019 23:35
Barium	183		0.637	10.6	mg/Kg-dry	20	18-Apr-2019 13:25
Cadmium	0.426	J	0.0286	0.530	mg/Kg-dry	1	17-Apr-2019 23:35
Chromium	72.3		0.0244	0.530	mg/Kg-dry	1	17-Apr-2019 23:35
Lead	77.0		0.0138	0.530	mg/Kg-dry	1	17-Apr-2019 23:35
Selenium	0.853		0.0965	0.530	mg/Kg-dry	1	17-Apr-2019 23:35
Silver	0.0913	J	0.0159	0.530	mg/Kg-dry	1	17-Apr-2019 23:35
MERCURY BY SW7471B		Method:SW7471A			Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0405		0.000564	0.00399	mg/Kg-dry	1	18-Apr-2019 15:47
MOISTURE - ASTM D2216		Method:ASTM D2216					Analyst: MWG
Percent Moisture	12.4		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-1 (0-6")
 Collection Date: 16-Apr-2019 09:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,1,2,2-Tetrachloroethane	U		0.00082	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00072	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,1,2-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,1-Dichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,1-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,2,4-Trichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,2-Dibromo-3-chloropropane	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,2-Dibromoethane	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,2-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,2-Dichloroethane	U		0.00062	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,2-Dichloropropane	U		0.00082	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,3-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
1,4-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
2-Butanone	U		0.0013	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
2-Hexanone	U		0.0014	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
4-Methyl-2-pentanone	U		0.0021	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
Acetone	U		0.0021	0.021	mg/Kg-dry	1	18-Apr-2019 17:23
Benzene	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Bromodichloromethane	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Bromoform	U		0.00062	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Bromomethane	U		0.0010	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
Carbon disulfide	U		0.00062	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
Carbon tetrachloride	U		0.00062	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Chlorobenzene	U		0.00062	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Chloroethane	U		0.00082	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
Chloroform	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Chloromethane	U		0.00051	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
cis-1,2-Dichloroethene	U		0.00082	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
cis-1,3-Dichloropropene	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Cyclohexane	U	n	0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Dibromochloromethane	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Dichlorodifluoromethane	U		0.00072	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Ethylbenzene	U		0.00072	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Isopropylbenzene	U		0.00093	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
m,p-Xylene	U		0.0016	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
Methyl acetate	U		0.00072	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Methyl tert-butyl ether	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Methylcyclohexane	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-1 (0-6")
 Collection Date: 16-Apr-2019 09:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C	Method:SW8260						Analyst: WLR
Methylene chloride	U		0.0010	0.010	mg/Kg-dry	1	18-Apr-2019 17:23
o-Xylene	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Styrene	U		0.00072	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Tetrachloroethene	U		0.00072	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Toluene	U		0.00062	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
trans-1,2-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
trans-1,3-Dichloropropene	U		0.00062	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Trichloroethene	U		0.00062	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Trichlorofluoromethane	U		0.00051	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
Vinyl chloride	U		0.00082	0.0021	mg/Kg-dry	1	18-Apr-2019 17:23
Xylenes, Total	U		0.0010	0.0051	mg/Kg-dry	1	18-Apr-2019 17:23
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>98.0</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:23</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>93.4</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:23</i>
<i>Surr: Dibromofluoromethane</i>	<i>98.4</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:23</i>
<i>Surr: Toluene-d8</i>	<i>102</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:23</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-1 (0-6")
 Collection Date: 16-Apr-2019 09:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D			Method:SW8270			Prep:SW3541 / 16-Apr-2019	Analyst: ACN
1,1'-Biphenyl	U		0.021	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2,4,5-Trichlorophenol	U		0.030	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2,4,6-Trichlorophenol	U		0.021	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2,4-Dichlorophenol	U		0.016	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2,4-Dimethylphenol	U		0.040	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2,4-Dinitrophenol	U		0.055	0.16	mg/Kg-dry	10	18-Apr-2019 15:52
2,4-Dinitrotoluene	U		0.011	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2,6-Dinitrotoluene	U		0.040	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2-Chloronaphthalene	U		0.016	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2-Chlorophenol	U		0.016	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2-Methylnaphthalene	U		0.0061	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
2-Methylphenol	U		0.013	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2-Nitroaniline	U		0.023	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
2-Nitrophenol	U		0.030	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
3&4-Methylphenol	U		0.012	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
3,3'-Dichlorobenzidine	U		0.030	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
3-Nitroaniline	U		0.023	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
4,6-Dinitro-2-methylphenol	U		0.025	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
4-Bromophenyl phenyl ether	U		0.019	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
4-Chloro-3-methylphenol	U		0.0085	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
4-Chloroaniline	U		0.013	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
4-Chlorophenyl phenyl ether	U		0.018	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
4-Nitroaniline	U		0.027	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
4-Nitrophenol	U		0.023	0.16	mg/Kg-dry	10	18-Apr-2019 15:52
Acenaphthene	U		0.0061	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Acenaphthylene	U		0.012	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Acetophenone	U		0.0097	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Anthracene	U		0.0061	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Atrazine	U		0.024	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Benz(a)anthracene	U		0.019	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Benzaldehyde	U	n	0.015	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Benzo(a)pyrene	U		0.012	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Benzo(b)fluoranthene	U		0.015	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Benzo(g,h,i)perylene	U		0.0085	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Benzo(k)fluoranthene	U		0.011	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Bis(2-chloroethoxy)methane	U		0.011	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Bis(2-chloroethyl)ether	U		0.013	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Bis(2-chloroisopropyl)ether	U		0.017	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Bis(2-ethylhexyl)phthalate	U		0.021	0.080	mg/Kg-dry	10	18-Apr-2019 15:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-1 (0-6")
 Collection Date: 16-Apr-2019 09:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	U		0.016	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Caprolactam	U		0.015	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Carbazole	U		0.015	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Chrysene	U		0.0097	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Dibenz(a,h)anthracene	U		0.019	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Dibenzofuran	U		0.0085	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Diethyl phthalate	U		0.012	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Dimethyl phthalate	U		0.0097	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Di-n-butyl phthalate	U		0.015	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Di-n-octyl phthalate	U		0.011	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Fluoranthene	U		0.013	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Fluorene	U		0.013	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Hexachlorobenzene	U		0.011	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Hexachlorobutadiene	U		0.015	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Hexachlorocyclopentadiene	U		0.0097	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Hexachloroethane	U		0.018	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Indeno(1,2,3-cd)pyrene	U		0.0097	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Isophorone	U		0.0097	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Naphthalene	U		0.0073	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Nitrobenzene	U		0.011	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
N-Nitrosodi-n-propylamine	U		0.013	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
N-Nitrosodiphenylamine	U		0.0085	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Pentachlorophenol	U		0.040	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Phenanthrene	U		0.018	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
Phenol	U		0.013	0.080	mg/Kg-dry	10	18-Apr-2019 15:52
Pyrene	U		0.0073	0.040	mg/Kg-dry	10	18-Apr-2019 15:52
<i>Surr: 2,4,6-Tribromophenol</i>	69.6			36-126	%REC	10	18-Apr-2019 15:52
<i>Surr: 2-Fluorobiphenyl</i>	79.2			43-125	%REC	10	18-Apr-2019 15:52
<i>Surr: 2-Fluorophenol</i>	48.5			37-125	%REC	10	18-Apr-2019 15:52
<i>Surr: 4-Terphenyl-d14</i>	101			32-125	%REC	10	18-Apr-2019 15:52
<i>Surr: Nitrobenzene-d5</i>	67.4			37-125	%REC	10	18-Apr-2019 15:52
<i>Surr: Phenol-d6</i>	51.7			40-125	%REC	10	18-Apr-2019 15:52
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12	U		7.4	50	mg/Kg-dry	1	18-Apr-2019 10:30
>nC12 to nC28	U		9.7	50	mg/Kg-dry	1	18-Apr-2019 10:30
>nC28 to nC35	U		9.7	50	mg/Kg-dry	1	18-Apr-2019 10:30
Total Petroleum Hydrocarbon	U		7.4	50	mg/Kg-dry	1	18-Apr-2019 10:30
<i>Surr: 2-Fluorobiphenyl</i>	106			70-130	%REC	1	18-Apr-2019 10:30
<i>Surr: Trifluoromethyl benzene</i>	103			70-130	%REC	1	18-Apr-2019 10:30

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-1 (0-6")
 Collection Date: 16-Apr-2019 09:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	2.64		0.0787	0.562	mg/Kg-dry	1	17-Apr-2019 23:37
Barium	147		0.0337	0.562	mg/Kg-dry	1	17-Apr-2019 23:37
Cadmium	0.207	J	0.0304	0.562	mg/Kg-dry	1	17-Apr-2019 23:37
Chromium	20.9		0.0259	0.562	mg/Kg-dry	1	17-Apr-2019 23:37
Lead	59.8		0.0146	0.562	mg/Kg-dry	1	17-Apr-2019 23:37
Selenium	1.27		0.102	0.562	mg/Kg-dry	1	17-Apr-2019 23:37
Silver	0.0612	J	0.0169	0.562	mg/Kg-dry	1	17-Apr-2019 23:37
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0241		0.000606	0.00429	mg/Kg-dry	1	18-Apr-2019 15:49
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	18.3		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-3 (0-6")
 Collection Date: 16-Apr-2019 09:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,1,2,2-Tetrachloroethane	U		0.0011	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00092	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,1,2-Trichloroethane	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,1-Dichloroethane	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,1-Dichloroethene	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,2,4-Trichlorobenzene	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,2-Dibromo-3-chloropropane	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,2-Dibromoethane	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,2-Dichlorobenzene	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,2-Dichloroethane	U		0.00079	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,2-Dichloropropane	U		0.0011	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,3-Dichlorobenzene	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
1,4-Dichlorobenzene	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
2-Butanone	U		0.0017	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
2-Hexanone	U		0.0018	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
4-Methyl-2-pentanone	U		0.0026	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
Acetone	U		0.0026	0.026	mg/Kg-dry	1	18-Apr-2019 17:48
Benzene	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Bromodichloromethane	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Bromoform	U		0.00079	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Bromomethane	U		0.0013	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
Carbon disulfide	U		0.00079	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
Carbon tetrachloride	U		0.00079	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Chlorobenzene	U		0.00079	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Chloroethane	U		0.0011	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
Chloroform	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Chloromethane	U		0.00066	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
cis-1,2-Dichloroethene	U		0.0011	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
cis-1,3-Dichloropropene	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Cyclohexane	U	n	0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Dibromochloromethane	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Dichlorodifluoromethane	U		0.00092	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Ethylbenzene	U		0.00092	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Isopropylbenzene	U		0.0012	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
m,p-Xylene	U		0.0021	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
Methyl acetate	U		0.00092	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Methyl tert-butyl ether	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Methylcyclohexane	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-3 (0-6")
 Collection Date: 16-Apr-2019 09:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C			Method:SW8260				Analyst: WLR
Methylene chloride	U		0.0013	0.013	mg/Kg-dry	1	18-Apr-2019 17:48
o-Xylene	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Styrene	U		0.00092	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Tetrachloroethene	U		0.00092	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Toluene	U		0.00079	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
trans-1,2-Dichloroethene	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
trans-1,3-Dichloropropene	U		0.00079	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Trichloroethene	U		0.00079	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Trichlorofluoromethane	U		0.00066	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
Vinyl chloride	U		0.0011	0.0026	mg/Kg-dry	1	18-Apr-2019 17:48
Xylenes, Total	U		0.0013	0.0066	mg/Kg-dry	1	18-Apr-2019 17:48
<i>Surr: 1,2-Dichloroethane-d4</i>		<i>91.9</i>		<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:48</i>
<i>Surr: 4-Bromofluorobenzene</i>		<i>94.7</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:48</i>
<i>Surr: Dibromofluoromethane</i>		<i>96.6</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:48</i>
<i>Surr: Toluene-d8</i>		<i>102</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 17:48</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-3 (0-6")
 Collection Date: 16-Apr-2019 09:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.021	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2,4,5-Trichlorophenol	U		0.031	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2,4,6-Trichlorophenol	U		0.021	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2,4-Dichlorophenol	U		0.016	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2,4-Dimethylphenol	U		0.041	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2,4-Dinitrophenol	U		0.055	0.16	mg/Kg-dry	10	18-Apr-2019 16:12
2,4-Dinitrotoluene	U		0.011	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2,6-Dinitrotoluene	U		0.041	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2-Chloronaphthalene	U		0.016	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2-Chlorophenol	U		0.016	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2-Methylnaphthalene	U		0.0062	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
2-Methylphenol	U		0.014	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2-Nitroaniline	U		0.023	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
2-Nitrophenol	U		0.031	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
3&4-Methylphenol	U		0.012	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
3,3'-Dichlorobenzidine	U		0.031	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
3-Nitroaniline	U		0.023	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
4,6-Dinitro-2-methylphenol	U		0.026	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
4-Bromophenyl phenyl ether	U		0.020	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
4-Chloro-3-methylphenol	U		0.0086	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
4-Chloroaniline	U		0.014	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
4-Chlorophenyl phenyl ether	U		0.018	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
4-Nitroaniline	U		0.027	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
4-Nitrophenol	U		0.023	0.16	mg/Kg-dry	10	18-Apr-2019 16:12
Acenaphthene	U		0.0062	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Acenaphthylene	U		0.012	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Acetophenone	0.022	J	0.0099	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Anthracene	U		0.0062	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Atrazine	U		0.025	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Benz(a)anthracene	0.064		0.020	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Benzaldehyde	U	n	0.015	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Benzo(a)pyrene	0.10		0.012	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Benzo(b)fluoranthene	0.14		0.015	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Benzo(g,h,i)perylene	0.085		0.0086	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Benzo(k)fluoranthene	0.098		0.011	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Bis(2-chloroethoxy)methane	U		0.011	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Bis(2-chloroethyl)ether	U		0.014	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Bis(2-chloroisopropyl)ether	U		0.017	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Bis(2-ethylhexyl)phthalate	0.28		0.021	0.081	mg/Kg-dry	10	18-Apr-2019 16:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-3 (0-6")
 Collection Date: 16-Apr-2019 09:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 16-Apr-2019		Analyst: ACN
Butyl benzyl phthalate	0.15		0.016	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Caprolactam	U		0.015	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Carbazole	U		0.015	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Chrysene	0.099		0.0099	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Dibenz(a,h)anthracene	U		0.020	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Dibenzofuran	U		0.0086	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Diethyl phthalate	U		0.012	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Dimethyl phthalate	0.035	J	0.0099	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Di-n-butyl phthalate	U		0.015	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Di-n-octyl phthalate	U		0.011	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Fluoranthene	0.14		0.014	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Fluorene	U		0.014	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Hexachlorobenzene	U		0.011	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Hexachlorobutadiene	U		0.015	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Hexachlorocyclopentadiene	U		0.0099	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Hexachloroethane	U		0.018	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Indeno(1,2,3-cd)pyrene	0.098		0.0099	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Isophorone	U		0.0099	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Naphthalene	U		0.0074	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Nitrobenzene	U		0.011	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
N-Nitrosodi-n-propylamine	U		0.014	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
N-Nitrosodiphenylamine	U		0.0086	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Pentachlorophenol	U		0.041	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Phenanthrene	0.043		0.018	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
Phenol	U		0.014	0.081	mg/Kg-dry	10	18-Apr-2019 16:12
Pyrene	0.12		0.0074	0.041	mg/Kg-dry	10	18-Apr-2019 16:12
<i>Surr: 2,4,6-Tribromophenol</i>	65.6			36-126	%REC	10	18-Apr-2019 16:12
<i>Surr: 2-Fluorobiphenyl</i>	53.2			43-125	%REC	10	18-Apr-2019 16:12
<i>Surr: 2-Fluorophenol</i>	41.5			37-125	%REC	10	18-Apr-2019 16:12
<i>Surr: 4-Terphenyl-d14</i>	83.4			32-125	%REC	10	18-Apr-2019 16:12
<i>Surr: Nitrobenzene-d5</i>	51.9			37-125	%REC	10	18-Apr-2019 16:12
<i>Surr: Phenol-d6</i>	53.9			40-125	%REC	10	18-Apr-2019 16:12
TEXAS TPH BY TX1005		Method:TX1005			Prep:TX1005PR / 16-Apr-2019		Analyst: MBG
nC6 to nC12	U		8.1	55	mg/Kg-dry	1	18-Apr-2019 11:00
>nC12 to nC28	U		11	55	mg/Kg-dry	1	18-Apr-2019 11:00
>nC28 to nC35	U		11	55	mg/Kg-dry	1	18-Apr-2019 11:00
Total Petroleum Hydrocarbon	U		8.1	55	mg/Kg-dry	1	18-Apr-2019 11:00
<i>Surr: 2-Fluorobiphenyl</i>	93.1			70-130	%REC	1	18-Apr-2019 11:00
<i>Surr: Trifluoromethyl benzene</i>	98.2			70-130	%REC	1	18-Apr-2019 11:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-3 (0-6")
 Collection Date: 16-Apr-2019 09:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MLL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020			Prep:SW3050A / 17-Apr-2019		Analyst: JC	
Arsenic	3.17		0.0835	0.596	mg/Kg-dry	1	17-Apr-2019 23:39
Barium	214		0.0358	0.596	mg/Kg-dry	1	17-Apr-2019 23:39
Cadmium	0.563	J	0.0322	0.596	mg/Kg-dry	1	17-Apr-2019 23:39
Chromium	277		0.548	11.9	mg/Kg-dry	20	18-Apr-2019 13:27
Lead	48.1		0.0155	0.596	mg/Kg-dry	1	17-Apr-2019 23:39
Selenium	0.880		0.108	0.596	mg/Kg-dry	1	17-Apr-2019 23:39
Silver	0.122	J	0.0179	0.596	mg/Kg-dry	1	17-Apr-2019 23:39
MERCURY BY SW7471B	Method:SW7471A			Prep:SW7471A / 18-Apr-2019		Analyst: FO	
Mercury	0.0363		0.000607	0.00430	mg/Kg-dry	1	18-Apr-2019 15:54
MOISTURE - ASTM D2216	Method:ASTM D2216					Analyst: MWG	
Percent Moisture	19.6		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-4 (0-6")
 Collection Date: 16-Apr-2019 09:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,1,2,2-Tetrachloroethane	U		0.00070	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00062	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,1,2-Trichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,1-Dichloroethane	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,1-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,2,4-Trichlorobenzene	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,2-Dibromo-3-chloropropane	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,2-Dibromoethane	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,2-Dichlorobenzene	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,2-Dichloroethane	U		0.00053	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,2-Dichloropropane	U		0.00070	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,3-Dichlorobenzene	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
1,4-Dichlorobenzene	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
2-Butanone	U		0.0011	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
2-Hexanone	U		0.0012	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
4-Methyl-2-pentanone	U		0.0018	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
Acetone	U		0.0018	0.018	mg/Kg-dry	1	18-Apr-2019 18:38
Benzene	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Bromodichloromethane	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Bromoform	U		0.00053	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Bromomethane	U		0.00088	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
Carbon disulfide	U		0.00053	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
Carbon tetrachloride	U		0.00053	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Chlorobenzene	U		0.00053	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Chloroethane	U		0.00070	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
Chloroform	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Chloromethane	U		0.00044	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
cis-1,2-Dichloroethene	U		0.00070	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
cis-1,3-Dichloropropene	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Cyclohexane	U	n	0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Dibromochloromethane	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Dichlorodifluoromethane	U		0.00062	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Ethylbenzene	U		0.00062	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Isopropylbenzene	U		0.00079	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
m,p-Xylene	U		0.0014	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
Methyl acetate	U		0.00062	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Methyl tert-butyl ether	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Methylcyclohexane	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-4 (0-6")
 Collection Date: 16-Apr-2019 09:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C	Method:SW8260						Analyst: WLR
Methylene chloride	U		0.00088	0.0088	mg/Kg-dry	1	18-Apr-2019 18:38
o-Xylene	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Styrene	U		0.00062	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Tetrachloroethene	U		0.00062	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Toluene	U		0.00053	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
trans-1,2-Dichloroethene	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
trans-1,3-Dichloropropene	U		0.00053	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Trichloroethene	U		0.00053	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Trichlorofluoromethane	U		0.00044	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
Vinyl chloride	U		0.00070	0.0018	mg/Kg-dry	1	18-Apr-2019 18:38
Xylenes, Total	U		0.00088	0.0044	mg/Kg-dry	1	18-Apr-2019 18:38
<i>Surr: 1,2-Dichloroethane-d4</i>		92.4		70-126	%REC	1	18-Apr-2019 18:38
<i>Surr: 4-Bromofluorobenzene</i>		96.1		70-130	%REC	1	18-Apr-2019 18:38
<i>Surr: Dibromofluoromethane</i>		93.6		70-130	%REC	1	18-Apr-2019 18:38
<i>Surr: Toluene-d8</i>		102		70-130	%REC	1	18-Apr-2019 18:38

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-4 (0-6")
 Collection Date: 16-Apr-2019 09:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270					Prep:SW3541 / 16-Apr-2019	Analyst: ACN
1,1'-Biphenyl	U		0.038	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2,4,5-Trichlorophenol	U		0.057	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2,4,6-Trichlorophenol	U		0.038	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2,4-Dichlorophenol	U		0.029	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2,4-Dimethylphenol	U		0.075	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2,4-Dinitrophenol	U		0.10	0.30	mg/Kg-dry	10	17-Apr-2019 21:59
2,4-Dinitrotoluene	U		0.020	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2,6-Dinitrotoluene	U		0.075	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2-Chloronaphthalene	U		0.029	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2-Chlorophenol	U		0.029	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2-Methylnaphthalene	U		0.011	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
2-Methylphenol	U		0.025	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2-Nitroaniline	U		0.043	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
2-Nitrophenol	U		0.057	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
3&4-Methylphenol	U		0.023	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
3,3'-Dichlorobenzidine	U		0.057	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
3-Nitroaniline	U		0.043	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
4,6-Dinitro-2-methylphenol	U		0.048	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
4-Bromophenyl phenyl ether	U		0.036	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
4-Chloro-3-methylphenol	U		0.016	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
4-Chloroaniline	U		0.025	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
4-Chlorophenyl phenyl ether	U		0.034	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
4-Nitroaniline	U		0.050	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
4-Nitrophenol	U		0.043	0.30	mg/Kg-dry	10	17-Apr-2019 21:59
Acenaphthene	U		0.011	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Acenaphthylene	U		0.023	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Acetophenone	U		0.018	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Anthracene	U		0.011	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Atrazine	U		0.045	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Benz(a)anthracene	0.095		0.036	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Benzaldehyde	U	n	0.027	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Benzo(a)pyrene	0.12		0.023	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Benzo(b)fluoranthene	0.15		0.027	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Benzo(g,h,i)perylene	0.19		0.016	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Benzo(k)fluoranthene	0.14		0.020	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Bis(2-chloroethoxy)methane	U		0.020	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Bis(2-chloroethyl)ether	U		0.025	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Bis(2-chloroisopropyl)ether	U		0.032	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Bis(2-ethylhexyl)phthalate	0.18		0.038	0.15	mg/Kg-dry	10	17-Apr-2019 21:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-4 (0-6")
 Collection Date: 16-Apr-2019 09:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	0.039	J	0.029	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Caprolactam		U	0.027	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Carbazole		U	0.027	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Chrysene	0.15		0.018	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Dibenz(a,h)anthracene		U	0.036	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Dibenzofuran		U	0.016	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Diethyl phthalate		U	0.023	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Dimethyl phthalate	0.12	J	0.018	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Di-n-butyl phthalate		U	0.027	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Di-n-octyl phthalate		U	0.020	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Fluoranthene	0.16		0.025	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Fluorene		U	0.025	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Hexachlorobenzene		U	0.020	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Hexachlorobutadiene		U	0.027	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Hexachlorocyclopentadiene		U	0.018	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Hexachloroethane		U	0.034	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Indeno(1,2,3-cd)pyrene	0.12		0.018	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Isophorone		U	0.018	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Naphthalene		U	0.014	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Nitrobenzene		U	0.020	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
N-Nitrosodi-n-propylamine		U	0.025	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
N-Nitrosodiphenylamine		U	0.016	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Pentachlorophenol		U	0.075	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Phenanthrene	0.046	J	0.034	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
Phenol		U	0.025	0.15	mg/Kg-dry	10	17-Apr-2019 21:59
Pyrene	0.16		0.014	0.075	mg/Kg-dry	10	17-Apr-2019 21:59
<i>Surr: 2,4,6-Tribromophenol</i>	<i>94.2</i>			<i>36-126</i>	<i>%REC</i>	<i>10</i>	<i>17-Apr-2019 21:59</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>81.6</i>			<i>43-125</i>	<i>%REC</i>	<i>10</i>	<i>17-Apr-2019 21:59</i>
<i>Surr: 2-Fluorophenol</i>	<i>48.5</i>			<i>37-125</i>	<i>%REC</i>	<i>10</i>	<i>17-Apr-2019 21:59</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>119</i>			<i>32-125</i>	<i>%REC</i>	<i>10</i>	<i>17-Apr-2019 21:59</i>
<i>Surr: Nitrobenzene-d5</i>	<i>67.4</i>			<i>37-125</i>	<i>%REC</i>	<i>10</i>	<i>17-Apr-2019 21:59</i>
<i>Surr: Phenol-d6</i>	<i>47.7</i>			<i>40-125</i>	<i>%REC</i>	<i>10</i>	<i>17-Apr-2019 21:59</i>
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12		U	6.9	46	mg/Kg-dry	1	18-Apr-2019 11:30
>nC12 to nC28		U	9.1	46	mg/Kg-dry	1	18-Apr-2019 11:30
>nC28 to nC35		U	9.1	46	mg/Kg-dry	1	18-Apr-2019 11:30
Total Petroleum Hydrocarbon		U	6.9	46	mg/Kg-dry	1	18-Apr-2019 11:30
<i>Surr: 2-Fluorobiphenyl</i>	<i>95.6</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 11:30</i>
<i>Surr: Trifluoromethyl benzene</i>	<i>98.9</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 11:30</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-4 (0-6")
 Collection Date: 16-Apr-2019 09:55

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	3.05		0.0771	0.551	mg/Kg-dry	1	17-Apr-2019 23:41
Barium	170		0.0330	0.551	mg/Kg-dry	1	17-Apr-2019 23:41
Cadmium	0.524	J	0.0297	0.551	mg/Kg-dry	1	17-Apr-2019 23:41
Chromium	271		0.507	11.0	mg/Kg-dry	20	18-Apr-2019 13:29
Lead	30.7		0.0143	0.551	mg/Kg-dry	1	17-Apr-2019 23:41
Selenium	0.971		0.100	0.551	mg/Kg-dry	1	17-Apr-2019 23:41
Silver	0.0957	J	0.0165	0.551	mg/Kg-dry	1	17-Apr-2019 23:41
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0252		0.000563	0.00398	mg/Kg-dry	1	18-Apr-2019 15:56
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	12.4		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-5 (0-6")
 Collection Date: 16-Apr-2019 10:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,1,2,2-Tetrachloroethane	U		0.00086	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00075	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,1,2-Trichloroethane	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,1-Dichloroethane	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,1-Dichloroethene	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,2,4-Trichlorobenzene	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,2-Dibromo-3-chloropropane	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,2-Dibromoethane	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,2-Dichlorobenzene	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,2-Dichloroethane	U		0.00064	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,2-Dichloropropane	U		0.00086	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,3-Dichlorobenzene	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
1,4-Dichlorobenzene	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
2-Butanone	U		0.0014	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
2-Hexanone	U		0.0015	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
4-Methyl-2-pentanone	U		0.0021	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
Acetone	U		0.0021	0.021	mg/Kg-dry	1	18-Apr-2019 19:03
Benzene	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Bromodichloromethane	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Bromoform	U		0.00064	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
Carbon disulfide	U		0.00064	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
Carbon tetrachloride	U		0.00064	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Chlorobenzene	U		0.00064	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Chloroethane	U		0.00086	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
Chloroform	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Chloromethane	U		0.00054	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
cis-1,2-Dichloroethene	U		0.00086	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
cis-1,3-Dichloropropene	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Cyclohexane	U	n	0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Dibromochloromethane	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Dichlorodifluoromethane	U		0.00075	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Ethylbenzene	U		0.00075	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Isopropylbenzene	U		0.00097	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
m,p-Xylene	U		0.0017	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
Methyl acetate	U		0.00075	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Methyl tert-butyl ether	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Methylcyclohexane	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-5 (0-6")
 Collection Date: 16-Apr-2019 10:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C	Method:SW8260						Analyst: WLR
Methylene chloride	U		0.0011	0.011	mg/Kg-dry	1	18-Apr-2019 19:03
o-Xylene	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Styrene	U		0.00075	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Tetrachloroethene	U		0.00075	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Toluene	U		0.00064	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
trans-1,2-Dichloroethene	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
trans-1,3-Dichloropropene	U		0.00064	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Trichloroethene	U		0.00064	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Trichlorofluoromethane	U		0.00054	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
Vinyl chloride	U		0.00086	0.0021	mg/Kg-dry	1	18-Apr-2019 19:03
Xylenes, Total	U		0.0011	0.0054	mg/Kg-dry	1	18-Apr-2019 19:03
<i>Surr: 1,2-Dichloroethane-d4</i>		93.9		70-126	%REC	1	18-Apr-2019 19:03
<i>Surr: 4-Bromofluorobenzene</i>		88.4		70-130	%REC	1	18-Apr-2019 19:03
<i>Surr: Dibromofluoromethane</i>		96.9		70-130	%REC	1	18-Apr-2019 19:03
<i>Surr: Toluene-d8</i>		105		70-130	%REC	1	18-Apr-2019 19:03

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-5 (0-6")
 Collection Date: 16-Apr-2019 10:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.019	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2,4,5-Trichlorophenol	U		0.028	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2,4,6-Trichlorophenol	U		0.019	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2,4-Dichlorophenol	U		0.014	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2,4-Dimethylphenol	U		0.037	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2,4-Dinitrophenol	U		0.050	0.15	mg/Kg-dry	10	17-Apr-2019 22:18
2,4-Dinitrotoluene	U		0.010	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2,6-Dinitrotoluene	U		0.037	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2-Chloronaphthalene	U		0.014	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2-Chlorophenol	U		0.014	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2-Methylnaphthalene	U		0.0056	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
2-Methylphenol	U		0.012	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2-Nitroaniline	U		0.021	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
2-Nitrophenol	U		0.028	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
3&4-Methylphenol	U		0.011	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
3,3'-Dichlorobenzidine	U		0.028	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
3-Nitroaniline	U		0.021	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
4,6-Dinitro-2-methylphenol	U		0.023	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
4-Bromophenyl phenyl ether	U		0.018	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
4-Chloro-3-methylphenol	U		0.0078	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
4-Chloroaniline	U		0.012	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
4-Chlorophenyl phenyl ether	U		0.017	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
4-Nitroaniline	U		0.024	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
4-Nitrophenol	U		0.021	0.15	mg/Kg-dry	10	17-Apr-2019 22:18
Acenaphthene	U		0.0056	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Acenaphthylene	U		0.011	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Acetophenone	U		0.0089	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Anthracene	U		0.0056	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Atrazine	U		0.022	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Benz(a)anthracene	0.15		0.018	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Benzaldehyde	U	n	0.013	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Benzo(a)pyrene	0.15		0.011	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Benzo(b)fluoranthene	0.23		0.013	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Benzo(g,h,i)perylene	0.14		0.0078	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Benzo(k)fluoranthene	0.13		0.010	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Bis(2-chloroethoxy)methane	U		0.010	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Bis(2-chloroethyl)ether	U		0.012	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Bis(2-chloroisopropyl)ether	U		0.016	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Bis(2-ethylhexyl)phthalate	0.99		0.019	0.073	mg/Kg-dry	10	17-Apr-2019 22:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-5 (0-6")
 Collection Date: 16-Apr-2019 10:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	0.056	J	0.014	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Caprolactam		U	0.013	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Carbazole		U	0.013	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Chrysene	0.20		0.0089	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Dibenz(a,h)anthracene	0.040		0.018	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Dibenzofuran		U	0.0078	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Diethyl phthalate		U	0.011	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Dimethyl phthalate	0.023	J	0.0089	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Di-n-butyl phthalate		U	0.013	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Di-n-octyl phthalate	0.027	J	0.010	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Fluoranthene	0.28		0.012	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Fluorene		U	0.012	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Hexachlorobenzene		U	0.010	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Hexachlorobutadiene		U	0.013	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Hexachlorocyclopentadiene		U	0.0089	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Hexachloroethane		U	0.017	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Indeno(1,2,3-cd)pyrene	0.13		0.0089	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Isophorone		U	0.0089	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Naphthalene		U	0.0067	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Nitrobenzene		U	0.010	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
N-Nitrosodi-n-propylamine		U	0.012	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
N-Nitrosodiphenylamine		U	0.0078	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Pentachlorophenol		U	0.037	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Phenanthrene	0.078		0.017	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Phenol		U	0.012	0.073	mg/Kg-dry	10	17-Apr-2019 22:18
Pyrene	0.21		0.0067	0.037	mg/Kg-dry	10	17-Apr-2019 22:18
Surr: 2,4,6-Tribromophenol	68.7			36-126	%REC	10	17-Apr-2019 22:18
Surr: 2-Fluorobiphenyl	68.6			43-125	%REC	10	17-Apr-2019 22:18
Surr: 2-Fluorophenol	36.6	S		37-125	%REC	10	17-Apr-2019 22:18
Surr: 4-Terphenyl-d14	72.1			32-125	%REC	10	17-Apr-2019 22:18
Surr: Nitrobenzene-d5	65.1			37-125	%REC	10	17-Apr-2019 22:18
Surr: Phenol-d6	56.6			40-125	%REC	10	17-Apr-2019 22:18
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12		U	7.8	53	mg/Kg-dry	1	18-Apr-2019 11:59
>nC12 to nC28		U	10	53	mg/Kg-dry	1	18-Apr-2019 11:59
>nC28 to nC35	18	J	10	53	mg/Kg-dry	1	18-Apr-2019 11:59
Total Petroleum Hydrocarbon	18.0	J	7.8	53	mg/Kg-dry	1	18-Apr-2019 11:59
Surr: 2-Fluorobiphenyl	93.6			70-130	%REC	1	18-Apr-2019 11:59
Surr: Trifluoromethyl benzene	98.3			70-130	%REC	1	18-Apr-2019 11:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-5 (0-6")
 Collection Date: 16-Apr-2019 10:15

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MLL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020			Prep:SW3050A / 17-Apr-2019		Analyst: JC	
Arsenic	3.60		0.0716	0.512	mg/Kg-dry	1	17-Apr-2019 23:44
Barium	181		0.614	10.2	mg/Kg-dry	20	18-Apr-2019 13:32
Cadmium	0.561		0.0276	0.512	mg/Kg-dry	1	17-Apr-2019 23:44
Chromium	284		0.471	10.2	mg/Kg-dry	20	18-Apr-2019 13:32
Lead	31.5		0.0133	0.512	mg/Kg-dry	1	17-Apr-2019 23:44
Selenium	0.621		0.0931	0.512	mg/Kg-dry	1	17-Apr-2019 23:44
Silver	0.116	J	0.0154	0.512	mg/Kg-dry	1	17-Apr-2019 23:44
MERCURY BY SW7471B	Method:SW7471A			Prep:SW7471A / 18-Apr-2019		Analyst: FO	
Mercury	0.0389		0.000544	0.00385	mg/Kg-dry	1	18-Apr-2019 15:58
MOISTURE - ASTM D2216	Method:ASTM D2216					Analyst: MWG	
Percent Moisture	10.5		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-6 (0-6")
 Collection Date: 16-Apr-2019 10:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,1,2,2-Tetrachloroethane	U		0.00098	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00086	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,1,2-Trichloroethane	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,1-Dichloroethane	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,1-Dichloroethene	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,2,4-Trichlorobenzene	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,2-Dibromo-3-chloropropane	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,2-Dibromoethane	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,2-Dichlorobenzene	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,2-Dichloroethane	U		0.00073	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,2-Dichloropropane	U		0.00098	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,3-Dichlorobenzene	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
1,4-Dichlorobenzene	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
2-Butanone	U		0.0016	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
2-Hexanone	U		0.0017	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
4-Methyl-2-pentanone	U		0.0024	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
Acetone	U		0.0024	0.024	mg/Kg-dry	1	18-Apr-2019 19:28
Benzene	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Bromodichloromethane	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Bromoform	U		0.00073	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Bromomethane	U		0.0012	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
Carbon disulfide	U		0.00073	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
Carbon tetrachloride	U		0.00073	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Chlorobenzene	U		0.00073	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Chloroethane	U		0.00098	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
Chloroform	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Chloromethane	U		0.00061	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
cis-1,2-Dichloroethene	U		0.00098	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
cis-1,3-Dichloropropene	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Cyclohexane	U	n	0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Dibromochloromethane	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Dichlorodifluoromethane	U		0.00086	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Ethylbenzene	U		0.00086	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Isopropylbenzene	U		0.0011	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
m,p-Xylene	U		0.0020	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
Methyl acetate	U		0.00086	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Methyl tert-butyl ether	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Methylcyclohexane	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-6 (0-6")
 Collection Date: 16-Apr-2019 10:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MLL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C	Method:SW8260						Analyst: WLR
Methylene chloride	U		0.0012	0.012	mg/Kg-dry	1	18-Apr-2019 19:28
o-Xylene	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Styrene	U		0.00086	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Tetrachloroethene	U		0.00086	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Toluene	U		0.00073	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
trans-1,2-Dichloroethene	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
trans-1,3-Dichloropropene	U		0.00073	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Trichloroethene	U		0.00073	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Trichlorofluoromethane	U		0.00061	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
Vinyl chloride	U		0.00098	0.0024	mg/Kg-dry	1	18-Apr-2019 19:28
Xylenes, Total	U		0.0012	0.0061	mg/Kg-dry	1	18-Apr-2019 19:28
<i>Surr: 1,2-Dichloroethane-d4</i>		99.2		70-126	%REC	1	18-Apr-2019 19:28
<i>Surr: 4-Bromofluorobenzene</i>		90.2		70-130	%REC	1	18-Apr-2019 19:28
<i>Surr: Dibromofluoromethane</i>		94.9		70-130	%REC	1	18-Apr-2019 19:28
<i>Surr: Toluene-d8</i>		105		70-130	%REC	1	18-Apr-2019 19:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-6 (0-6")
 Collection Date: 16-Apr-2019 10:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270					Prep:SW3541 / 16-Apr-2019	Analyst: ACN
1,1'-Biphenyl	0.050	J	0.029	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2,4,5-Trichlorophenol	U		0.042	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2,4,6-Trichlorophenol	U		0.029	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2,4-Dichlorophenol	U		0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2,4-Dimethylphenol	U		0.056	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2,4-Dinitrophenol	U		0.076	0.22	mg/Kg-dry	10	17-Apr-2019 22:38
2,4-Dinitrotoluene	U		0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2,6-Dinitrotoluene	U		0.056	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2-Chloronaphthalene	U		0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2-Chlorophenol	U		0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2-Methylnaphthalene	U		0.0084	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
2-Methylphenol	U		0.019	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2-Nitroaniline	U		0.032	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
2-Nitrophenol	U		0.042	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
3&4-Methylphenol	U		0.017	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
3,3'-Dichlorobenzidine	U		0.042	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
3-Nitroaniline	U		0.032	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
4,6-Dinitro-2-methylphenol	U		0.035	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
4-Bromophenyl phenyl ether	U		0.027	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
4-Chloro-3-methylphenol	U		0.012	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
4-Chloroaniline	U		0.019	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
4-Chlorophenyl phenyl ether	U		0.025	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
4-Nitroaniline	U		0.037	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
4-Nitrophenol	U		0.032	0.22	mg/Kg-dry	10	17-Apr-2019 22:38
Acenaphthene	U		0.0084	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Acenaphthylene	U		0.017	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Acetophenone	U		0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Anthracene	U		0.0084	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Atrazine	U		0.034	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Benz(a)anthracene	0.17		0.027	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Benzaldehyde	U	n	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Benzo(a)pyrene	0.24		0.017	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Benzo(b)fluoranthene	0.35		0.020	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Benzo(g,h,i)perylene	0.20		0.012	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Benzo(k)fluoranthene	0.18		0.015	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Bis(2-chloroethoxy)methane	U		0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Bis(2-chloroethyl)ether	U		0.019	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Bis(2-chloroisopropyl)ether	U		0.024	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Bis(2-ethylhexyl)phthalate	0.10	J	0.029	0.11	mg/Kg-dry	10	17-Apr-2019 22:38

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-6 (0-6")
 Collection Date: 16-Apr-2019 10:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 16-Apr-2019		Analyst: ACN
Butyl benzyl phthalate		U	0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Caprolactam		U	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Carbazole		U	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Chrysene	0.26		0.013	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Dibenz(a,h)anthracene	0.066		0.027	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Dibenzofuran		U	0.012	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Diethyl phthalate		U	0.017	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Dimethyl phthalate	0.045	J	0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Di-n-butyl phthalate		U	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Di-n-octyl phthalate		U	0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Fluoranthene	0.33		0.019	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Fluorene		U	0.019	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Hexachlorobenzene		U	0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Hexachlorobutadiene	0.029	J	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Hexachlorocyclopentadiene		U	0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Hexachloroethane		U	0.025	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Indeno(1,2,3-cd)pyrene	0.24		0.013	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Isophorone		U	0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Naphthalene		U	0.010	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Nitrobenzene		U	0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
N-Nitrosodi-n-propylamine		U	0.019	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
N-Nitrosodiphenylamine		U	0.012	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Pentachlorophenol		U	0.056	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Phenanthrene	0.092		0.025	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
Phenol		U	0.019	0.11	mg/Kg-dry	10	17-Apr-2019 22:38
Pyrene	0.26		0.010	0.056	mg/Kg-dry	10	17-Apr-2019 22:38
<i>Surr: 2,4,6-Tribromophenol</i>	96.2			36-126	%REC	10	17-Apr-2019 22:38
<i>Surr: 2-Fluorobiphenyl</i>	68.9			43-125	%REC	10	17-Apr-2019 22:38
<i>Surr: 2-Fluorophenol</i>	53.7			37-125	%REC	10	17-Apr-2019 22:38
<i>Surr: 4-Terphenyl-d14</i>	86.6			32-125	%REC	10	17-Apr-2019 22:38
<i>Surr: Nitrobenzene-d5</i>	69.4			37-125	%REC	10	17-Apr-2019 22:38
<i>Surr: Phenol-d6</i>	53.6			40-125	%REC	10	17-Apr-2019 22:38
TEXAS TPH BY TX1005		Method:TX1005			Prep:TX1005PR / 16-Apr-2019		Analyst: MBG
nC6 to nC12		U	8.1	55	mg/Kg-dry	1	18-Apr-2019 13:28
>nC12 to nC28		U	11	55	mg/Kg-dry	1	18-Apr-2019 13:28
>nC28 to nC35	12	J	11	55	mg/Kg-dry	1	18-Apr-2019 13:28
Total Petroleum Hydrocarbon	12.0	J	8.1	55	mg/Kg-dry	1	18-Apr-2019 13:28
<i>Surr: 2-Fluorobiphenyl</i>	93.9			70-130	%REC	1	18-Apr-2019 13:28
<i>Surr: Trifluoromethyl benzene</i>	100			70-130	%REC	1	18-Apr-2019 13:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-6 (0-6")
 Collection Date: 16-Apr-2019 10:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	2.13		0.0765	0.546	mg/Kg-dry	1	17-Apr-2019 23:46
Barium	288		0.655	10.9	mg/Kg-dry	20	18-Apr-2019 13:34
Cadmium	0.270	J	0.0295	0.546	mg/Kg-dry	1	17-Apr-2019 23:46
Chromium	12.6		0.0251	0.546	mg/Kg-dry	1	17-Apr-2019 23:46
Lead	56.6		0.0142	0.546	mg/Kg-dry	1	17-Apr-2019 23:46
Selenium	0.213	J	0.0994	0.546	mg/Kg-dry	1	17-Apr-2019 23:46
Silver	0.0349	J	0.0164	0.546	mg/Kg-dry	1	17-Apr-2019 23:46
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0176		0.000567	0.00401	mg/Kg-dry	1	18-Apr-2019 15:59
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	11.8		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-10 (0-6")
 Collection Date: 16-Apr-2019 11:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,1,2,2-Tetrachloroethane	U		0.00089	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00078	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,1,2-Trichloroethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,1-Dichloroethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,1-Dichloroethene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,2,4-Trichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,2-Dibromo-3-chloropropane	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,2-Dibromoethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,2-Dichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,2-Dichloroethane	U		0.00067	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,2-Dichloropropane	U		0.00089	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,3-Dichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
1,4-Dichlorobenzene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
2-Butanone	U		0.0014	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
2-Hexanone	U		0.0016	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
4-Methyl-2-pentanone	U		0.0022	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
Acetone	U		0.0022	0.022	mg/Kg-dry	1	18-Apr-2019 19:53
Benzene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Bromodichloromethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Bromoform	U		0.00067	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
Carbon disulfide	U		0.00067	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
Carbon tetrachloride	U		0.00067	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Chlorobenzene	U		0.00067	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Chloroethane	U		0.00089	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
Chloroform	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Chloromethane	U		0.00055	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
cis-1,2-Dichloroethene	U		0.00089	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
cis-1,3-Dichloropropene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Cyclohexane	U	n	0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Dibromochloromethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Dichlorodifluoromethane	U		0.00078	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Ethylbenzene	U		0.00078	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Isopropylbenzene	U		0.0010	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
m,p-Xylene	U		0.0018	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
Methyl acetate	U		0.00078	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Methyl tert-butyl ether	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Methylcyclohexane	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-10 (0-6")
 Collection Date: 16-Apr-2019 11:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C	Method:SW8260						Analyst: WLR
Methylene chloride	U		0.0011	0.011	mg/Kg-dry	1	18-Apr-2019 19:53
o-Xylene	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Styrene	U		0.00078	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Tetrachloroethene	U		0.00078	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Toluene	U		0.00067	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
trans-1,2-Dichloroethene	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
trans-1,3-Dichloropropene	U		0.00067	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Trichloroethene	U		0.00067	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Trichlorofluoromethane	U		0.00055	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
Vinyl chloride	U		0.00089	0.0022	mg/Kg-dry	1	18-Apr-2019 19:53
Xylenes, Total	U		0.0011	0.0055	mg/Kg-dry	1	18-Apr-2019 19:53
<i>Surr: 1,2-Dichloroethane-d4</i>		93.6		70-126	%REC	1	18-Apr-2019 19:53
<i>Surr: 4-Bromofluorobenzene</i>		92.9		70-130	%REC	1	18-Apr-2019 19:53
<i>Surr: Dibromofluoromethane</i>		94.4		70-130	%REC	1	18-Apr-2019 19:53
<i>Surr: Toluene-d8</i>		106		70-130	%REC	1	18-Apr-2019 19:53

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-10 (0-6")
 Collection Date: 16-Apr-2019 11:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.028	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2,4,5-Trichlorophenol	U		0.042	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2,4,6-Trichlorophenol	U		0.028	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2,4-Dichlorophenol	U		0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2,4-Dimethylphenol	U		0.055	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2,4-Dinitrophenol	U		0.075	0.22	mg/Kg-dry	10	17-Apr-2019 22:58
2,4-Dinitrotoluene	U		0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2,6-Dinitrotoluene	U		0.055	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2-Chloronaphthalene	U		0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2-Chlorophenol	U		0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2-Methylnaphthalene	U		0.0083	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
2-Methylphenol	U		0.018	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2-Nitroaniline	U		0.032	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
2-Nitrophenol	U		0.042	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
3&4-Methylphenol	U		0.017	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
3,3'-Dichlorobenzidine	U		0.042	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
3-Nitroaniline	U		0.032	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
4,6-Dinitro-2-methylphenol	U		0.035	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
4-Bromophenyl phenyl ether	U		0.027	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
4-Chloro-3-methylphenol	U		0.012	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
4-Chloroaniline	U		0.018	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
4-Chlorophenyl phenyl ether	U		0.025	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
4-Nitroaniline	U		0.037	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
4-Nitrophenol	U		0.032	0.22	mg/Kg-dry	10	17-Apr-2019 22:58
Acenaphthene	U		0.0083	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Acenaphthylene	U		0.017	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Acetophenone	U		0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Anthracene	0.045	J	0.0083	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Atrazine	U		0.033	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Benz(a)anthracene	0.26		0.027	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Benzaldehyde	U	n	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Benzo(a)pyrene	0.31		0.017	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Benzo(b)fluoranthene	0.46		0.020	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Benzo(g,h,i)perylene	0.27		0.012	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Benzo(k)fluoranthene	0.21		0.015	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Bis(2-chloroethoxy)methane	U		0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Bis(2-chloroethyl)ether	U		0.018	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Bis(2-chloroisopropyl)ether	U		0.023	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Bis(2-ethylhexyl)phthalate	0.22		0.028	0.11	mg/Kg-dry	10	17-Apr-2019 22:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-10 (0-6")
 Collection Date: 16-Apr-2019 11:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	0.044	J	0.022	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Caprolactam		U	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Carbazole		U	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Chrysene	0.39		0.013	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Dibenz(a,h)anthracene	0.053	J	0.027	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Dibenzofuran		U	0.012	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Diethyl phthalate		U	0.017	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Dimethyl phthalate	0.034	J	0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Di-n-butyl phthalate		U	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Di-n-octyl phthalate	0.028	J	0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Fluoranthene	0.53		0.018	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Fluorene		U	0.018	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Hexachlorobenzene		U	0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Hexachlorobutadiene	0.065	J	0.020	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Hexachlorocyclopentadiene		U	0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Hexachloroethane		U	0.025	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Indeno(1,2,3-cd)pyrene	0.24		0.013	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Isophorone		U	0.013	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Naphthalene		U	0.010	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Nitrobenzene		U	0.015	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
N-Nitrosodi-n-propylamine		U	0.018	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
N-Nitrosodiphenylamine		U	0.012	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Pentachlorophenol		U	0.055	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Phenanthrene	0.19		0.025	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Phenol		U	0.018	0.11	mg/Kg-dry	10	17-Apr-2019 22:58
Pyrene	0.48		0.010	0.055	mg/Kg-dry	10	17-Apr-2019 22:58
Surr: 2,4,6-Tribromophenol	91.9			36-126	%REC	10	17-Apr-2019 22:58
Surr: 2-Fluorobiphenyl	78.3			43-125	%REC	10	17-Apr-2019 22:58
Surr: 2-Fluorophenol	54.7			37-125	%REC	10	17-Apr-2019 22:58
Surr: 4-Terphenyl-d14	103			32-125	%REC	10	17-Apr-2019 22:58
Surr: Nitrobenzene-d5	72.3			37-125	%REC	10	17-Apr-2019 22:58
Surr: Phenol-d6	62.4			40-125	%REC	10	17-Apr-2019 22:58
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12		U	8.9	60	mg/Kg-dry	1	18-Apr-2019 13:58
>nC12 to nC28		U	12	60	mg/Kg-dry	1	18-Apr-2019 13:58
>nC28 to nC35	32	J	12	60	mg/Kg-dry	1	18-Apr-2019 13:58
Total Petroleum Hydrocarbon	32.0	J	8.9	60	mg/Kg-dry	1	18-Apr-2019 13:58
Surr: 2-Fluorobiphenyl	92.4			70-130	%REC	1	18-Apr-2019 13:58
Surr: Trifluoromethyl benzene	95.9			70-130	%REC	1	18-Apr-2019 13:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-10 (0-6")
 Collection Date: 16-Apr-2019 11:10

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	5.03		0.0747	0.534	mg/Kg-dry	1	17-Apr-2019 23:48
Barium	193		0.641	10.7	mg/Kg-dry	20	18-Apr-2019 13:36
Cadmium	0.693		0.0288	0.534	mg/Kg-dry	1	17-Apr-2019 23:48
Chromium	62.7		0.0246	0.534	mg/Kg-dry	1	17-Apr-2019 23:48
Lead	95.8		0.0139	0.534	mg/Kg-dry	1	17-Apr-2019 23:48
Selenium	0.781		0.0971	0.534	mg/Kg-dry	1	17-Apr-2019 23:48
Silver	0.133	J	0.0160	0.534	mg/Kg-dry	1	17-Apr-2019 23:48
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0552		0.000528	0.00373	mg/Kg-dry	1	18-Apr-2019 16:01
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	10.7		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-11 (0-6")
 Collection Date: 16-Apr-2019 11:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,1,2,2-Tetrachloroethane	U		0.0012	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.0010	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,1,2-Trichloroethane	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,1-Dichloroethane	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,1-Dichloroethene	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,2,4-Trichlorobenzene	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,2-Dibromo-3-chloropropane	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,2-Dibromoethane	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,2-Dichlorobenzene	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,2-Dichloroethane	U		0.00089	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,2-Dichloropropane	U		0.0012	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,3-Dichlorobenzene	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
1,4-Dichlorobenzene	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
2-Butanone	U		0.0019	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
2-Hexanone	U		0.0021	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
4-Methyl-2-pentanone	U		0.0030	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
Acetone	U		0.0030	0.030	mg/Kg-dry	1	19-Apr-2019 09:59
Benzene	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Bromodichloromethane	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Bromoform	U		0.00089	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Bromomethane	U		0.0015	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
Carbon disulfide	U		0.00089	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
Carbon tetrachloride	U		0.00089	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Chlorobenzene	U		0.00089	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Chloroethane	U		0.0012	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
Chloroform	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Chloromethane	U		0.00074	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
cis-1,2-Dichloroethene	U		0.0012	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
cis-1,3-Dichloropropene	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Cyclohexane	U	n	0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Dibromochloromethane	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Dichlorodifluoromethane	U		0.0010	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Ethylbenzene	U		0.0010	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Isopropylbenzene	U		0.0013	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
m,p-Xylene	U		0.0024	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
Methyl acetate	U		0.0010	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Methyl tert-butyl ether	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Methylcyclohexane	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-11 (0-6")
 Collection Date: 16-Apr-2019 11:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MLL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C	Method:SW8260						Analyst: WLR
Methylene chloride	U		0.0015	0.015	mg/Kg-dry	1	19-Apr-2019 09:59
o-Xylene	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Styrene	U		0.0010	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Tetrachloroethene	U		0.0010	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Toluene	U		0.00089	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
trans-1,2-Dichloroethene	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
trans-1,3-Dichloropropene	U		0.00089	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Trichloroethene	U		0.00089	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Trichlorofluoromethane	U		0.00074	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
Vinyl chloride	U		0.0012	0.0030	mg/Kg-dry	1	19-Apr-2019 09:59
Xylenes, Total	U		0.0015	0.0074	mg/Kg-dry	1	19-Apr-2019 09:59
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>91.3</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 09:59</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>92.6</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 09:59</i>
<i>Surr: Dibromofluoromethane</i>	<i>96.1</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 09:59</i>
<i>Surr: Toluene-d8</i>	<i>102</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 09:59</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-11 (0-6")
 Collection Date: 16-Apr-2019 11:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019	Analyst: ACN	
1,1'-Biphenyl	U		0.031	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2,4,5-Trichlorophenol	U		0.045	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2,4,6-Trichlorophenol	U		0.031	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2,4-Dichlorophenol	U		0.024	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2,4-Dimethylphenol	U		0.060	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2,4-Dinitrophenol	U		0.082	0.24	mg/Kg-dry	10	18-Apr-2019 16:31
2,4-Dinitrotoluene	U		0.016	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2,6-Dinitrotoluene	U		0.060	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2-Chloronaphthalene	U		0.024	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2-Chlorophenol	U		0.024	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2-Methylnaphthalene	U		0.0091	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
2-Methylphenol	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2-Nitroaniline	U		0.035	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
2-Nitrophenol	U		0.045	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
3&4-Methylphenol	U		0.018	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
3,3'-Dichlorobenzidine	U		0.045	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
3-Nitroaniline	U		0.035	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
4,6-Dinitro-2-methylphenol	U		0.038	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
4-Bromophenyl phenyl ether	U		0.029	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
4-Chloro-3-methylphenol	U		0.013	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
4-Chloroaniline	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
4-Chlorophenyl phenyl ether	U		0.027	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
4-Nitroaniline	U		0.040	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
4-Nitrophenol	U		0.035	0.24	mg/Kg-dry	10	18-Apr-2019 16:31
Acenaphthene	U		0.0091	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Acenaphthylene	U		0.018	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Acetophenone	U		0.015	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Anthracene	U		0.0091	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Atrazine	U		0.036	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Benz(a)anthracene	0.12		0.029	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Benzaldehyde	U	n	0.022	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Benzo(a)pyrene	0.16		0.018	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Benzo(b)fluoranthene	0.20		0.022	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Benzo(g,h,i)perylene	0.20		0.013	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Benzo(k)fluoranthene	0.10		0.016	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Bis(2-chloroethoxy)methane	U		0.016	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Bis(2-chloroethyl)ether	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Bis(2-chloroisopropyl)ether	U		0.025	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Bis(2-ethylhexyl)phthalate	0.22		0.031	0.12	mg/Kg-dry	10	18-Apr-2019 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-11 (0-6")
 Collection Date: 16-Apr-2019 11:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 16-Apr-2019		Analyst: ACN
Butyl benzyl phthalate		U	0.024	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Caprolactam		U	0.022	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Carbazole		U	0.022	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Chrysene	0.19		0.015	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Dibenz(a,h)anthracene		U	0.029	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Dibenzofuran		U	0.013	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Diethyl phthalate		U	0.018	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Dimethyl phthalate		U	0.015	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Di-n-butyl phthalate		U	0.022	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Di-n-octyl phthalate		U	0.016	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Fluoranthene	0.22		0.020	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Fluorene		U	0.020	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Hexachlorobenzene	0.093	J	0.016	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Hexachlorobutadiene	0.14		0.022	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Hexachlorocyclopentadiene		U	0.015	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Hexachloroethane		U	0.027	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Indeno(1,2,3-cd)pyrene	0.099		0.015	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Isophorone		U	0.015	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Naphthalene		U	0.011	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Nitrobenzene		U	0.016	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
N-Nitrosodi-n-propylamine		U	0.020	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
N-Nitrosodiphenylamine		U	0.013	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Pentachlorophenol		U	0.060	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Phenanthrene	0.085		0.027	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
Phenol		U	0.020	0.12	mg/Kg-dry	10	18-Apr-2019 16:31
Pyrene	0.22		0.011	0.060	mg/Kg-dry	10	18-Apr-2019 16:31
<i>Surr: 2,4,6-Tribromophenol</i>	96.2			36-126	%REC	10	18-Apr-2019 16:31
<i>Surr: 2-Fluorobiphenyl</i>	92.6			43-125	%REC	10	18-Apr-2019 16:31
<i>Surr: 2-Fluorophenol</i>	46.2			37-125	%REC	10	18-Apr-2019 16:31
<i>Surr: 4-Terphenyl-d14</i>	124			32-125	%REC	10	18-Apr-2019 16:31
<i>Surr: Nitrobenzene-d5</i>	72.7			37-125	%REC	10	18-Apr-2019 16:31
<i>Surr: Phenol-d6</i>	43.7			40-125	%REC	10	18-Apr-2019 16:31
TEXAS TPH BY TX1005		Method:TX1005			Prep:TX1005PR / 16-Apr-2019		Analyst: MBG
nC6 to nC12		U	9.4	63	mg/Kg-dry	1	18-Apr-2019 14:28
>nC12 to nC28		U	12	63	mg/Kg-dry	1	18-Apr-2019 14:28
>nC28 to nC35	22	J	12	63	mg/Kg-dry	1	18-Apr-2019 14:28
Total Petroleum Hydrocarbon	22.0	J	9.4	63	mg/Kg-dry	1	18-Apr-2019 14:28
<i>Surr: 2-Fluorobiphenyl</i>	98.3			70-130	%REC	1	18-Apr-2019 14:28
<i>Surr: Trifluoromethyl benzene</i>	99.9			70-130	%REC	1	18-Apr-2019 14:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-11 (0-6")
 Collection Date: 16-Apr-2019 11:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	5.84		0.0792	0.565	mg/Kg-dry	1	17-Apr-2019 23:50
Barium	219		0.678	11.3	mg/Kg-dry	20	18-Apr-2019 13:46
Cadmium	0.838		0.0305	0.565	mg/Kg-dry	1	17-Apr-2019 23:50
Chromium	59.8		0.0260	0.565	mg/Kg-dry	1	17-Apr-2019 23:50
Lead	161		0.0147	0.565	mg/Kg-dry	1	17-Apr-2019 23:50
Selenium	0.983		0.103	0.565	mg/Kg-dry	1	17-Apr-2019 23:50
Silver	0.111	J	0.0170	0.565	mg/Kg-dry	1	17-Apr-2019 23:50
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0777		0.000588	0.00416	mg/Kg-dry	1	18-Apr-2019 16:03
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	17.6		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-8 (0-6")
 Collection Date: 16-Apr-2019 11:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,1,2,2-Tetrachloroethane	U		0.00090	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00079	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,1,2-Trichloroethane	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,1-Dichloroethane	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,1-Dichloroethene	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,2,4-Trichlorobenzene	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,2-Dibromo-3-chloropropane	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,2-Dibromoethane	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,2-Dichlorobenzene	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,2-Dichloroethane	U		0.00067	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,2-Dichloropropane	U		0.00090	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,3-Dichlorobenzene	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
1,4-Dichlorobenzene	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
2-Butanone	U		0.0015	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
2-Hexanone	U		0.0016	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
4-Methyl-2-pentanone	U		0.0022	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
Acetone	U		0.0022	0.022	mg/Kg-dry	1	19-Apr-2019 10:24
Benzene	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Bromodichloromethane	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Bromoform	U		0.00067	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Bromomethane	U		0.0011	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
Carbon disulfide	U		0.00067	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
Carbon tetrachloride	U		0.00067	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Chlorobenzene	U		0.00067	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Chloroethane	U		0.00090	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
Chloroform	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Chloromethane	U		0.00056	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
cis-1,2-Dichloroethene	U		0.00090	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
cis-1,3-Dichloropropene	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Cyclohexane	U	n	0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Dibromochloromethane	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Dichlorodifluoromethane	U		0.00079	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Ethylbenzene	U		0.00079	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Isopropylbenzene	U		0.0010	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
m,p-Xylene	U		0.0018	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
Methyl acetate	U		0.00079	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Methyl tert-butyl ether	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Methylcyclohexane	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-8 (0-6")
 Collection Date: 16-Apr-2019 11:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C			Method:SW8260				Analyst: WLR
Methylene chloride	U		0.0011	0.011	mg/Kg-dry	1	19-Apr-2019 10:24
o-Xylene	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Styrene	U		0.00079	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Tetrachloroethene	U		0.00079	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Toluene	U		0.00067	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
trans-1,2-Dichloroethene	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
trans-1,3-Dichloropropene	U		0.00067	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Trichloroethene	U		0.00067	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Trichlorofluoromethane	U		0.00056	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
Vinyl chloride	U		0.00090	0.0022	mg/Kg-dry	1	19-Apr-2019 10:24
Xylenes, Total	U		0.0011	0.0056	mg/Kg-dry	1	19-Apr-2019 10:24
<i>Surr: 1,2-Dichloroethane-d4</i>		<i>91.8</i>		<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 10:24</i>
<i>Surr: 4-Bromofluorobenzene</i>		<i>90.8</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 10:24</i>
<i>Surr: Dibromofluoromethane</i>		<i>92.9</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 10:24</i>
<i>Surr: Toluene-d8</i>		<i>108</i>		<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>19-Apr-2019 10:24</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-8 (0-6")
 Collection Date: 16-Apr-2019 11:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.028	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2,4,5-Trichlorophenol	U		0.041	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2,4,6-Trichlorophenol	U		0.028	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2,4-Dichlorophenol	U		0.021	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2,4-Dimethylphenol	U		0.054	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2,4-Dinitrophenol	U		0.074	0.22	mg/Kg-dry	10	18-Apr-2019 16:51
2,4-Dinitrotoluene	U		0.015	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2,6-Dinitrotoluene	U		0.054	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2-Chloronaphthalene	U		0.021	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2-Chlorophenol	U		0.021	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2-Methylnaphthalene	U		0.0082	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
2-Methylphenol	U		0.018	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2-Nitroaniline	U		0.031	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
2-Nitrophenol	U		0.041	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
3&4-Methylphenol	U		0.016	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
3,3'-Dichlorobenzidine	U		0.041	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
3-Nitroaniline	U		0.031	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
4,6-Dinitro-2-methylphenol	U		0.035	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
4-Bromophenyl phenyl ether	U		0.026	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
4-Chloro-3-methylphenol	U		0.012	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
4-Chloroaniline	U		0.018	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
4-Chlorophenyl phenyl ether	U		0.025	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
4-Nitroaniline	U		0.036	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
4-Nitrophenol	U		0.031	0.22	mg/Kg-dry	10	18-Apr-2019 16:51
Acenaphthene	U		0.0082	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Acenaphthylene	U		0.016	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Acetophenone	U		0.013	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Anthracene	0.032	J	0.0082	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Atrazine	U		0.033	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Benz(a)anthracene	0.14		0.026	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Benzaldehyde	U	n	0.020	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Benzo(a)pyrene	0.25		0.016	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Benzo(b)fluoranthene	0.25		0.020	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Benzo(g,h,i)perylene	0.18		0.012	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Benzo(k)fluoranthene	0.17		0.015	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Bis(2-chloroethoxy)methane	U		0.015	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Bis(2-chloroethyl)ether	U		0.018	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Bis(2-chloroisopropyl)ether	U		0.023	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Bis(2-ethylhexyl)phthalate	0.18		0.028	0.11	mg/Kg-dry	10	18-Apr-2019 16:51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-8 (0-6")
 Collection Date: 16-Apr-2019 11:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	0.061	J	0.021	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Caprolactam		U	0.020	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Carbazole		U	0.020	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Chrysene	0.21		0.013	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Dibenz(a,h)anthracene		U	0.026	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Dibenzofuran		U	0.012	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Diethyl phthalate		U	0.016	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Dimethyl phthalate	0.028	J	0.013	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Di-n-butyl phthalate	0.040	J	0.020	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Di-n-octyl phthalate	0.045	J	0.015	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Fluoranthene	0.30		0.018	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Fluorene		U	0.018	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Hexachlorobenzene	1.8		0.015	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Hexachlorobutadiene	0.044	J	0.020	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Hexachlorocyclopentadiene		U	0.013	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Hexachloroethane		U	0.025	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Indeno(1,2,3-cd)pyrene	0.16		0.013	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Isophorone		U	0.013	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Naphthalene		U	0.0099	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Nitrobenzene		U	0.015	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
N-Nitrosodi-n-propylamine		U	0.018	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
N-Nitrosodiphenylamine		U	0.012	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Pentachlorophenol		U	0.054	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Phenanthrene	0.095		0.025	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Phenol		U	0.018	0.11	mg/Kg-dry	10	18-Apr-2019 16:51
Pyrene	0.26		0.0099	0.054	mg/Kg-dry	10	18-Apr-2019 16:51
Surr: 2,4,6-Tribromophenol	57.9			36-126	%REC	10	18-Apr-2019 16:51
Surr: 2-Fluorobiphenyl	69.8			43-125	%REC	10	18-Apr-2019 16:51
Surr: 2-Fluorophenol	40.0			37-125	%REC	10	18-Apr-2019 16:51
Surr: 4-Terphenyl-d14	95.0			32-125	%REC	10	18-Apr-2019 16:51
Surr: Nitrobenzene-d5	69.3			37-125	%REC	10	18-Apr-2019 16:51
Surr: Phenol-d6	53.6			40-125	%REC	10	18-Apr-2019 16:51
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12		U	9.4	64	mg/Kg-dry	1	18-Apr-2019 14:57
>nC12 to nC28		U	12	64	mg/Kg-dry	1	18-Apr-2019 14:57
>nC28 to nC35	20	J	12	64	mg/Kg-dry	1	18-Apr-2019 14:57
Total Petroleum Hydrocarbon	20.0	J	9.4	64	mg/Kg-dry	1	18-Apr-2019 14:57
Surr: 2-Fluorobiphenyl	97.0			70-130	%REC	1	18-Apr-2019 14:57
Surr: Trifluoromethyl benzene	98.0			70-130	%REC	1	18-Apr-2019 14:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-8 (0-6")
 Collection Date: 16-Apr-2019 11:45

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MLL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020			Prep:SW3050A / 17-Apr-2019		Analyst: JC	
Arsenic	3.96		0.0711	0.508	mg/Kg-dry	1	17-Apr-2019 23:57
Barium	181		0.610	10.2	mg/Kg-dry	20	18-Apr-2019 13:48
Cadmium	0.495	J	0.0274	0.508	mg/Kg-dry	1	17-Apr-2019 23:57
Chromium	76.7		0.0234	0.508	mg/Kg-dry	1	17-Apr-2019 23:57
Lead	66.0		0.0132	0.508	mg/Kg-dry	1	17-Apr-2019 23:57
Selenium	0.694		0.0925	0.508	mg/Kg-dry	1	17-Apr-2019 23:57
Silver	0.0939	J	0.0152	0.508	mg/Kg-dry	1	17-Apr-2019 23:57
MERCURY BY SW7471B	Method:SW7471A			Prep:SW7471A / 18-Apr-2019		Analyst: FO	
Mercury	0.0552		0.000541	0.00383	mg/Kg-dry	1	18-Apr-2019 16:04
MOISTURE - ASTM D2216	Method:ASTM D2216					Analyst: MWG	
Percent Moisture	9.14		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-9 (0-6")
 Collection Date: 16-Apr-2019 12:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,1,2,2-Tetrachloroethane	U		0.00095	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00083	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,1,2-Trichloroethane	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,1-Dichloroethane	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,1-Dichloroethene	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,2,4-Trichlorobenzene	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,2-Dibromo-3-chloropropane	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,2-Dibromoethane	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,2-Dichlorobenzene	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,2-Dichloroethane	U		0.00071	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,2-Dichloropropane	U		0.00095	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,3-Dichlorobenzene	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
1,4-Dichlorobenzene	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
2-Butanone	U		0.0015	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
2-Hexanone	U		0.0017	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
4-Methyl-2-pentanone	U		0.0024	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
Acetone	U		0.0024	0.024	mg/Kg-dry	1	19-Apr-2019 10:49
Benzene	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Bromodichloromethane	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Bromoform	U		0.00071	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Bromomethane	U		0.0012	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
Carbon disulfide	U		0.00071	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
Carbon tetrachloride	U		0.00071	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Chlorobenzene	U		0.00071	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Chloroethane	U		0.00095	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
Chloroform	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Chloromethane	U		0.00059	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
cis-1,2-Dichloroethene	U		0.00095	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
cis-1,3-Dichloropropene	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Cyclohexane	U	n	0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Dibromochloromethane	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Dichlorodifluoromethane	U		0.00083	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Ethylbenzene	U		0.00083	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Isopropylbenzene	U		0.0011	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
m,p-Xylene	U		0.0019	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
Methyl acetate	U		0.00083	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Methyl tert-butyl ether	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Methylcyclohexane	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-9 (0-6")
 Collection Date: 16-Apr-2019 12:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
Methylene chloride	U		0.0012	0.012	mg/Kg-dry	1	19-Apr-2019 10:49
o-Xylene	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Styrene	U		0.00083	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Tetrachloroethene	U		0.00083	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Toluene	U		0.00071	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
trans-1,2-Dichloroethene	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
trans-1,3-Dichloropropene	U		0.00071	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Trichloroethene	U		0.00071	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Trichlorofluoromethane	U		0.00059	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
Vinyl chloride	U		0.00095	0.0024	mg/Kg-dry	1	19-Apr-2019 10:49
Xylenes, Total	U		0.0012	0.0059	mg/Kg-dry	1	19-Apr-2019 10:49
<i>Surr: 1,2-Dichloroethane-d4</i>		93.3		70-126	%REC	1	19-Apr-2019 10:49
<i>Surr: 4-Bromofluorobenzene</i>		96.2		70-130	%REC	1	19-Apr-2019 10:49
<i>Surr: Dibromofluoromethane</i>		96.3		70-130	%REC	1	19-Apr-2019 10:49
<i>Surr: Toluene-d8</i>		102		70-130	%REC	1	19-Apr-2019 10:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-9 (0-6")
 Collection Date: 16-Apr-2019 12:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.023	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2,4,5-Trichlorophenol	U		0.033	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2,4,6-Trichlorophenol	U		0.023	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2,4-Dichlorophenol	U		0.017	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2,4-Dimethylphenol	U		0.044	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2,4-Dinitrophenol	U		0.060	0.18	mg/Kg-dry	10	18-Apr-2019 17:10
2,4-Dinitrotoluene	U		0.012	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2,6-Dinitrotoluene	U		0.044	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2-Chloronaphthalene	U		0.017	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2-Chlorophenol	U		0.017	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2-Methylnaphthalene	U		0.0066	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
2-Methylphenol	U		0.015	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2-Nitroaniline	U		0.025	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
2-Nitrophenol	U		0.033	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
3&4-Methylphenol	U		0.013	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
3,3'-Dichlorobenzidine	U		0.033	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
3-Nitroaniline	U		0.025	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
4,6-Dinitro-2-methylphenol	U		0.028	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
4-Bromophenyl phenyl ether	U		0.021	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
4-Chloro-3-methylphenol	U		0.0093	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
4-Chloroaniline	U		0.015	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
4-Chlorophenyl phenyl ether	U		0.020	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
4-Nitroaniline	U		0.029	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
4-Nitrophenol	U		0.025	0.18	mg/Kg-dry	10	18-Apr-2019 17:10
Acenaphthene	U		0.0066	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Acenaphthylene	U		0.013	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Acetophenone	U		0.011	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Anthracene	U		0.0066	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Atrazine	U		0.027	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Benz(a)anthracene	U		0.021	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Benzaldehyde	U	n	0.016	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Benzo(a)pyrene	U		0.013	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Benzo(b)fluoranthene	0.020	J	0.016	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Benzo(g,h,i)perylene	U		0.0093	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Benzo(k)fluoranthene	0.020	J	0.012	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Bis(2-chloroethoxy)methane	U		0.012	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Bis(2-chloroethyl)ether	U		0.015	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Bis(2-chloroisopropyl)ether	U		0.019	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Bis(2-ethylhexyl)phthalate	U		0.023	0.088	mg/Kg-dry	10	18-Apr-2019 17:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-9 (0-6")
 Collection Date: 16-Apr-2019 12:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate		U	0.017	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Caprolactam		U	0.016	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Carbazole		U	0.016	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Chrysene		U	0.011	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Dibenz(a,h)anthracene		U	0.021	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Dibenzofuran		U	0.0093	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Diethyl phthalate		U	0.013	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Dimethyl phthalate		U	0.011	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Di-n-butyl phthalate		U	0.016	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Di-n-octyl phthalate		U	0.012	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Fluoranthene	0.016	J	0.015	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Fluorene		U	0.015	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Hexachlorobenzene		U	0.012	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Hexachlorobutadiene		U	0.016	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Hexachlorocyclopentadiene		U	0.011	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Hexachloroethane		U	0.020	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Indeno(1,2,3-cd)pyrene		U	0.011	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Isophorone		U	0.011	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Naphthalene		U	0.0080	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Nitrobenzene		U	0.012	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
N-Nitrosodi-n-propylamine		U	0.015	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
N-Nitrosodiphenylamine		U	0.0093	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Pentachlorophenol		U	0.044	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Phenanthrene		U	0.020	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
Phenol		U	0.015	0.088	mg/Kg-dry	10	18-Apr-2019 17:10
Pyrene	0.018	J	0.0080	0.044	mg/Kg-dry	10	18-Apr-2019 17:10
<i>Surr: 2,4,6-Tribromophenol</i>	<i>66.5</i>			<i>36-126</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 17:10</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>75.0</i>			<i>43-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 17:10</i>
<i>Surr: 2-Fluorophenol</i>	<i>56.9</i>			<i>37-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 17:10</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>103</i>			<i>32-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 17:10</i>
<i>Surr: Nitrobenzene-d5</i>	<i>65.0</i>			<i>37-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 17:10</i>
<i>Surr: Phenol-d6</i>	<i>55.0</i>			<i>40-125</i>	<i>%REC</i>	<i>10</i>	<i>18-Apr-2019 17:10</i>
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12		U	9.1	61	mg/Kg-dry	1	18-Apr-2019 15:27
>nC12 to nC28		U	12	61	mg/Kg-dry	1	18-Apr-2019 15:27
>nC28 to nC35	16	J	12	61	mg/Kg-dry	1	18-Apr-2019 15:27
Total Petroleum Hydrocarbon	16.0	J	9.1	61	mg/Kg-dry	1	18-Apr-2019 15:27
<i>Surr: 2-Fluorobiphenyl</i>	<i>90.4</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 15:27</i>
<i>Surr: Trifluoromethyl benzene</i>	<i>91.1</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>18-Apr-2019 15:27</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-9 (0-6")
 Collection Date: 16-Apr-2019 12:25

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A		Method:SW6020			Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	2.50		0.0907	0.648	mg/Kg-dry	1	17-Apr-2019 23:59
Barium	308		0.777	13.0	mg/Kg-dry	20	18-Apr-2019 13:50
Cadmium	0.0433	J	0.0350	0.648	mg/Kg-dry	1	17-Apr-2019 23:59
Chromium	31.4		0.0298	0.648	mg/Kg-dry	1	17-Apr-2019 23:59
Lead	15.7		0.0168	0.648	mg/Kg-dry	1	17-Apr-2019 23:59
Selenium	1.52		0.118	0.648	mg/Kg-dry	1	17-Apr-2019 23:59
Silver	0.0600	J	0.0194	0.648	mg/Kg-dry	1	17-Apr-2019 23:59
MERCURY BY SW7471B		Method:SW7471A			Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0139		0.000654	0.00463	mg/Kg-dry	1	18-Apr-2019 16:06
MOISTURE - ASTM D2216		Method:ASTM D2216					Analyst: MWG
Percent Moisture	25.0		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-7 (0-6")
 Collection Date: 16-Apr-2019 12:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260					Analyst: WLR
1,1,1-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,1,2,2-Tetrachloroethane	U		0.00081	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00071	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,1,2-Trichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,1-Dichloroethane	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,1-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,2,4-Trichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,2-Dibromo-3-chloropropane	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,2-Dibromoethane	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,2-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,2-Dichloroethane	U		0.00061	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,2-Dichloropropane	U		0.00081	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,3-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
1,4-Dichlorobenzene	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
2-Butanone	U		0.0013	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
2-Hexanone	U		0.0014	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
4-Methyl-2-pentanone	U		0.0020	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
Acetone	U		0.0020	0.020	mg/Kg-dry	1	19-Apr-2019 11:13
Benzene	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Bromodichloromethane	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Bromoform	U		0.00061	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Bromomethane	U		0.0010	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
Carbon disulfide	U		0.00061	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
Carbon tetrachloride	U		0.00061	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Chlorobenzene	U		0.00061	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Chloroethane	U		0.00081	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
Chloroform	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Chloromethane	U		0.00051	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
cis-1,2-Dichloroethene	U		0.00081	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
cis-1,3-Dichloropropene	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Cyclohexane	U	n	0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Dibromochloromethane	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Dichlorodifluoromethane	U		0.00071	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Ethylbenzene	U		0.00071	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Isopropylbenzene	U		0.00091	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
m,p-Xylene	U		0.0016	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
Methyl acetate	U		0.00071	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Methyl tert-butyl ether	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Methylcyclohexane	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-7 (0-6")
 Collection Date: 16-Apr-2019 12:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: WLR			
Methylene chloride	U		0.0010	0.010	mg/Kg-dry	1	19-Apr-2019 11:13
o-Xylene	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Styrene	U		0.00071	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Tetrachloroethene	U		0.00071	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Toluene	U		0.00061	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
trans-1,2-Dichloroethene	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
trans-1,3-Dichloropropene	U		0.00061	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Trichloroethene	U		0.00061	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Trichlorofluoromethane	U		0.00051	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
Vinyl chloride	U		0.00081	0.0020	mg/Kg-dry	1	19-Apr-2019 11:13
Xylenes, Total	U		0.0010	0.0051	mg/Kg-dry	1	19-Apr-2019 11:13
<i>Surr: 1,2-Dichloroethane-d4</i>		89.8		70-126	%REC	1	19-Apr-2019 11:13
<i>Surr: 4-Bromofluorobenzene</i>		95.2		70-130	%REC	1	19-Apr-2019 11:13
<i>Surr: Dibromofluoromethane</i>		95.4		70-130	%REC	1	19-Apr-2019 11:13
<i>Surr: Toluene-d8</i>		104		70-130	%REC	1	19-Apr-2019 11:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-7 (0-6")
 Collection Date: 16-Apr-2019 12:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 16-Apr-2019		Analyst: ACN
1,1'-Biphenyl	U		0.031	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2,4,5-Trichlorophenol	U		0.046	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2,4,6-Trichlorophenol	U		0.031	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2,4-Dichlorophenol	U		0.024	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2,4-Dimethylphenol	U		0.061	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2,4-Dinitrophenol	U		0.083	0.24	mg/Kg-dry	10	18-Apr-2019 00:16
2,4-Dinitrotoluene	U		0.017	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2,6-Dinitrotoluene	U		0.061	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2-Chloronaphthalene	U		0.024	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2-Chlorophenol	U		0.024	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2-Methylnaphthalene	U		0.0092	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
2-Methylphenol	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2-Nitroaniline	U		0.035	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
2-Nitrophenol	U		0.046	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
3&4-Methylphenol	U		0.018	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
3,3'-Dichlorobenzidine	U		0.046	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
3-Nitroaniline	U		0.035	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
4,6-Dinitro-2-methylphenol	U		0.039	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
4-Bromophenyl phenyl ether	U		0.029	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
4-Chloro-3-methylphenol	U		0.013	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
4-Chloroaniline	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
4-Chlorophenyl phenyl ether	U		0.028	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
4-Nitroaniline	U		0.040	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
4-Nitrophenol	U		0.035	0.24	mg/Kg-dry	10	18-Apr-2019 00:16
Acenaphthene	U		0.0092	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Acenaphthylene	U		0.018	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Acetophenone	U		0.015	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Anthracene	U		0.0092	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Atrazine	U		0.037	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Benz(a)anthracene	U		0.029	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Benzaldehyde	U	n	0.022	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Benzo(a)pyrene	0.033	J	0.018	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Benzo(b)fluoranthene	0.031	J	0.022	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Benzo(g,h,i)perylene	U		0.013	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Benzo(k)fluoranthene	0.023	J	0.017	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Bis(2-chloroethoxy)methane	U		0.017	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Bis(2-chloroethyl)ether	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Bis(2-chloroisopropyl)ether	U		0.026	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Bis(2-ethylhexyl)phthalate	0.10	J	0.031	0.12	mg/Kg-dry	10	18-Apr-2019 00:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-7 (0-6")
 Collection Date: 16-Apr-2019 12:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 16-Apr-2019		Analyst: ACN	
Butyl benzyl phthalate	U		0.024	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Caprolactam	U		0.022	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Carbazole	U		0.022	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Chrysene	0.033	J	0.015	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Dibenz(a,h)anthracene	U		0.029	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Dibenzofuran	U		0.013	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Diethyl phthalate	U		0.018	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Dimethyl phthalate	U		0.015	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Di-n-butyl phthalate	U		0.022	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Di-n-octyl phthalate	U		0.017	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Fluoranthene	0.034	J	0.020	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Fluorene	U		0.020	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Hexachlorobenzene	U		0.017	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Hexachlorobutadiene	U		0.022	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Hexachlorocyclopentadiene	U		0.015	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Hexachloroethane	U		0.028	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Indeno(1,2,3-cd)pyrene	U		0.015	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Isophorone	U		0.015	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Naphthalene	U		0.011	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Nitrobenzene	U		0.017	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
N-Nitrosodi-n-propylamine	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
N-Nitrosodiphenylamine	U		0.013	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Pentachlorophenol	U		0.061	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Phenanthrene	U		0.028	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
Phenol	U		0.020	0.12	mg/Kg-dry	10	18-Apr-2019 00:16
Pyrene	0.036	J	0.011	0.061	mg/Kg-dry	10	18-Apr-2019 00:16
<i>Surr: 2,4,6-Tribromophenol</i>	96.8			36-126	%REC	10	18-Apr-2019 00:16
<i>Surr: 2-Fluorobiphenyl</i>	93.6			43-125	%REC	10	18-Apr-2019 00:16
<i>Surr: 2-Fluorophenol</i>	52.6			37-125	%REC	10	18-Apr-2019 00:16
<i>Surr: 4-Terphenyl-d14</i>	124			32-125	%REC	10	18-Apr-2019 00:16
<i>Surr: Nitrobenzene-d5</i>	83.2			37-125	%REC	10	18-Apr-2019 00:16
<i>Surr: Phenol-d6</i>	61.9			40-125	%REC	10	18-Apr-2019 00:16
TEXAS TPH BY TX1005		Method:TX1005		Prep:TX1005PR / 16-Apr-2019		Analyst: MBG	
nC6 to nC12	U		8.8	59	mg/Kg-dry	1	18-Apr-2019 15:57
>nC12 to nC28	U		12	59	mg/Kg-dry	1	18-Apr-2019 15:57
>nC28 to nC35	14	J	12	59	mg/Kg-dry	1	18-Apr-2019 15:57
Total Petroleum Hydrocarbon	14.0	J	8.8	59	mg/Kg-dry	1	18-Apr-2019 15:57
<i>Surr: 2-Fluorobiphenyl</i>	93.9			70-130	%REC	1	18-Apr-2019 15:57
<i>Surr: Trifluoromethyl benzene</i>	95.6			70-130	%REC	1	18-Apr-2019 15:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: SS-7 (0-6")
 Collection Date: 16-Apr-2019 12:40

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
METALS BY SW6020A	Method:SW6020				Prep:SW3050A / 17-Apr-2019		Analyst: JC
Arsenic	3.91		0.0843	0.602	mg/Kg-dry	1	18-Apr-2019 00:01
Barium	279		0.722	12.0	mg/Kg-dry	20	18-Apr-2019 13:53
Cadmium	0.409	J	0.0325	0.602	mg/Kg-dry	1	18-Apr-2019 00:01
Chromium	17.7		0.0277	0.602	mg/Kg-dry	1	18-Apr-2019 00:01
Lead	79.1		0.0156	0.602	mg/Kg-dry	1	18-Apr-2019 00:01
Selenium	0.899		0.110	0.602	mg/Kg-dry	1	18-Apr-2019 00:01
Silver	0.0528	J	0.0181	0.602	mg/Kg-dry	1	18-Apr-2019 00:01
MERCURY BY SW7471B	Method:SW7471A				Prep:SW7471A / 18-Apr-2019		Analyst: FO
Mercury	0.0731		0.000611	0.00432	mg/Kg-dry	1	18-Apr-2019 16:08
MOISTURE - ASTM D2216	Method:ASTM D2216						Analyst: MWG
Percent Moisture	18.9		0.0100	0.0100	wt%	1	17-Apr-2019 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: Trip Blank VBLKW-040119-96
 Collection Date: 16-Apr-2019 00:00

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-15
 Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C		Method:SW8260					Analyst: AKP
1,1,1-Trichloroethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,1,2,2-Tetrachloroethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,1,2-Trichlor-1,2,2-trifluoroethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,1-Dichloroethane	U		0.00040	0.0050	mg/L	1	19-Apr-2019 05:33
1,1-Dichloroethene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,2,4-Trichlorobenzene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
1,2-Dibromo-3-chloropropane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,2-Dibromoethane	U		0.00040	0.0050	mg/L	1	19-Apr-2019 05:33
1,2-Dichlorobenzene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	19-Apr-2019 05:33
1,3-Dichlorobenzene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
1,4-Dichlorobenzene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
2-Butanone	U		0.0010	0.010	mg/L	1	19-Apr-2019 05:33
2-Hexanone	U		0.0010	0.010	mg/L	1	19-Apr-2019 05:33
4-Methyl-2-pentanone	U		0.0010	0.010	mg/L	1	19-Apr-2019 05:33
Acetone	U		0.0020	0.010	mg/L	1	19-Apr-2019 05:33
Benzene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Bromodichloromethane	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Bromoform	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Bromomethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Carbon disulfide	U		0.00090	0.010	mg/L	1	19-Apr-2019 05:33
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Chlorobenzene	U		0.00040	0.0050	mg/L	1	19-Apr-2019 05:33
Chloroethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Chloroform	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Chloromethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
cis-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
cis-1,3-Dichloropropene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Cyclohexane	U	n	0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Dichlorodifluoromethane	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Ethylbenzene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Isopropylbenzene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
m,p-Xylene	U		0.00060	0.010	mg/L	1	19-Apr-2019 05:33
Methyl acetate	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Methyl tert-butyl ether	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Methylcyclohexane	U		0.0010	0.0050	mg/L	1	19-Apr-2019 05:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
 Project: 2nd 80s Fire
 Sample ID: Trip Blank VBLKW-040119-96
 Collection Date: 16-Apr-2019 00:00

ANALYTICAL REPORT

WorkOrder:HS19040940
 Lab ID:HS19040940-15
 Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES - SW8260C	Method:SW8260						Analyst: AKP
Methylene chloride	U		0.0010	0.010	mg/L	1	19-Apr-2019 05:33
o-Xylene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Styrene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Tetrachloroethene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Toluene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
trans-1,2-Dichloroethene	U		0.00040	0.0050	mg/L	1	19-Apr-2019 05:33
trans-1,3-Dichloropropene	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Trichloroethene	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Trichlorofluoromethane	U		0.00060	0.0050	mg/L	1	19-Apr-2019 05:33
Vinyl chloride	U		0.00040	0.0020	mg/L	1	19-Apr-2019 05:33
Xylenes, Total	U		0.00050	0.0050	mg/L	1	19-Apr-2019 05:33
Surr: 1,2-Dichloroethane-d4	100			70-126	%REC	1	19-Apr-2019 05:33
Surr: 4-Bromofluorobenzene	100			82-124	%REC	1	19-Apr-2019 05:33
Surr: Dibromofluoromethane	98.7			77-123	%REC	1	19-Apr-2019 05:33
Surr: Toluene-d8	98.7			82-127	%REC	1	19-Apr-2019 05:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

WEIGHT LOG

Client: Trinity Environmental

Project: 2nd 80s Fire

WorkOrder: HS19040940

Batch ID: 3019 Method: VOLATILES BY SW8260C

SampID	Container	Sample Wt/Vol	Final Volume	Weight Factor	Container Type
HS19040940-01	1	6.13 (g)	5 (mL)	0.82	TerraCore (5035A)
HS19040940-02	1	4.008 (g)	5 (mL)	1.25	TerraCore (5035A)
HS19040940-03	1	5.597 (g)	5 (mL)	0.89	TerraCore (5035A)
HS19040940-04	1	6.111 (g)	5 (mL)	0.82	TerraCore (5035A)
HS19040940-05	1	5.918 (g)	5 (mL)	0.84	TerraCore (5035A)
HS19040940-06	1	4.708 (g)	5 (mL)	1.06	TerraCore (5035A)
HS19040940-07	1	6.464 (g)	5 (mL)	0.77	TerraCore (5035A)
HS19040940-08	1	5.216 (g)	5 (mL)	0.96	TerraCore (5035A)
HS19040940-09	1	4.648 (g)	5 (mL)	1.08	TerraCore (5035A)
HS19040940-10	1	5.039 (g)	5 (mL)	0.99	TerraCore (5035A)
HS19040940-11	1	4.111 (g)	5 (mL)	1.22	TerraCore (5035A)
HS19040940-12	1	4.897 (g)	5 (mL)	1.02	TerraCore (5035A)
HS19040940-13	1	5.624 (g)	5 (mL)	0.89	TerraCore (5035A)
HS19040940-14	1	6.112 (g)	5 (mL)	0.82	TerraCore (5035A)

Batch ID: 139884 Method: METALS BY SW6020A Prep: 3050_I_LOW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS19040940-01	1	0.5277	50 (mL)	94.75
HS19040940-02	1	0.5337	50 (mL)	93.69
HS19040940-03	1	0.5409	50 (mL)	92.44
HS19040940-04	1	0.538	50 (mL)	92.94
HS19040940-05	1	0.544	50 (mL)	91.91
HS19040940-06	1	0.5216	50 (mL)	95.86
HS19040940-07	1	0.5183	50 (mL)	96.47
HS19040940-08	1	0.5458	50 (mL)	91.61
HS19040940-09	1	0.5189	50 (mL)	96.36
HS19040940-10	1	0.5245	50 (mL)	95.33
HS19040940-11	1	0.5366	50 (mL)	93.18
HS19040940-12	1	0.5415	50 (mL)	92.34
HS19040940-13	1	0.5146	50 (mL)	97.16
HS19040940-14	1	0.5122	50 (mL)	97.62

Batch ID: 139886 Method: TEXAS TPH BY TX1005 Prep: TX 1005_S PR

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS19040940-01	1	10.42	10 (mL)	0.9597
HS19040940-02	1	9.43	10 (mL)	1.06
HS19040940-03	1	11.55	10 (mL)	0.8658
HS19040940-04	1	11.58	10 (mL)	0.8636
HS19040940-05	1	12.3	10 (mL)	0.813
HS19040940-06	1	11.34	10 (mL)	0.8818
HS19040940-07	1	12.32	10 (mL)	0.8117
HS19040940-08	1	10.58	10 (mL)	0.9452
HS19040940-09	1	10.4	10 (mL)	0.9615
HS19040940-10	1	9.29	10 (mL)	1.076
HS19040940-11	1	9.63	10 (mL)	1.038
HS19040940-12	1	8.65	10 (mL)	1.156
HS19040940-13	1	10.92	10 (mL)	0.9158
HS19040940-14	1	10.38	10 (mL)	0.9634

WEIGHT LOG

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

Batch ID: 139896 **Method:** LOW-LEVEL SEMIVOLATILES BY 8270D **Prep:** 3541_B_LOW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS19040940-01	1	30.12	5 (mL)	0.166
HS19040940-02	1	30.24	9 (mL)	0.2976
HS19040940-03	1	30.13	2 (mL)	0.06638
HS19040940-04	1	30.12	1 (mL)	0.0332
HS19040940-05	1	30.26	1 (mL)	0.03305
HS19040940-06	1	30.29	1 (mL)	0.03301
HS19040940-07	1	30.25	2 (mL)	0.06612
HS19040940-08	1	30.19	1 (mL)	0.03312
HS19040940-09	1	30.28	1.5 (mL)	0.04954
HS19040940-10	1	30.18	1.5 (mL)	0.0497
HS19040940-11	1	30.07	1.5 (mL)	0.04988
HS19040940-12	1	30.14	1.5 (mL)	0.04977
HS19040940-13	1	30.08	1 (mL)	0.03324
HS19040940-14	1	30.26	1.5 (mL)	0.04957

Batch ID: 139960 **Method:** MERCURY BY SW7471B **Prep:** HG_S_LOWPR

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS19040940-01	1	0.5705	40 (mL)	70.11
HS19040940-02	1	0.5806	40 (mL)	68.89
HS19040940-03	1	0.5592	40 (mL)	71.53
HS19040940-04	1	0.5709	40 (mL)	70.06
HS19040940-05	1	0.5697	40 (mL)	70.21
HS19040940-06	1	0.5777	40 (mL)	69.24
HS19040940-07	1	0.5715	40 (mL)	69.99
HS19040940-08	1	0.5795	40 (mL)	69.03
HS19040940-09	1	0.5638	40 (mL)	70.95
HS19040940-10	1	0.5983	40 (mL)	66.86
HS19040940-11	1	0.5819	40 (mL)	68.74
HS19040940-12	1	0.5733	40 (mL)	69.77
HS19040940-13	1	0.5749	40 (mL)	69.58
HS19040940-14	1	0.5694	40 (mL)	70.25

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID 139884	Test Name : METALS BY SW6020A			Matrix: Soil		
HS19040940-01	SS-14 (0-6")	16 Apr 2019 08:15		17 Apr 2019 10:00	17 Apr 2019 23:15	1
HS19040940-02	SS-13 (0-6")	16 Apr 2019 08:40		17 Apr 2019 10:00	17 Apr 2019 23:30	1
HS19040940-03	SS-12 (0-6")	16 Apr 2019 08:55		17 Apr 2019 10:00	17 Apr 2019 23:33	1
HS19040940-04	SS-2 (0-6")	16 Apr 2019 09:10		17 Apr 2019 10:00	18 Apr 2019 13:25	20
HS19040940-04	SS-2 (0-6")	16 Apr 2019 09:10		17 Apr 2019 10:00	17 Apr 2019 23:35	1
HS19040940-05	SS-1 (0-6")	16 Apr 2019 09:25		17 Apr 2019 10:00	17 Apr 2019 23:37	1
HS19040940-06	SS-3 (0-6")	16 Apr 2019 09:45		17 Apr 2019 10:00	18 Apr 2019 13:27	20
HS19040940-06	SS-3 (0-6")	16 Apr 2019 09:45		17 Apr 2019 10:00	17 Apr 2019 23:39	1
HS19040940-07	SS-4 (0-6")	16 Apr 2019 09:55		17 Apr 2019 10:00	18 Apr 2019 13:29	20
HS19040940-07	SS-4 (0-6")	16 Apr 2019 09:55		17 Apr 2019 10:00	17 Apr 2019 23:41	1
HS19040940-08	SS-5 (0-6")	16 Apr 2019 10:15		17 Apr 2019 10:00	18 Apr 2019 13:32	20
HS19040940-08	SS-5 (0-6")	16 Apr 2019 10:15		17 Apr 2019 10:00	17 Apr 2019 23:44	1
HS19040940-09	SS-6 (0-6")	16 Apr 2019 10:40		17 Apr 2019 10:00	18 Apr 2019 13:34	20
HS19040940-09	SS-6 (0-6")	16 Apr 2019 10:40		17 Apr 2019 10:00	17 Apr 2019 23:46	1
HS19040940-10	SS-10 (0-6")	16 Apr 2019 11:10		17 Apr 2019 10:00	18 Apr 2019 13:36	20
HS19040940-10	SS-10 (0-6")	16 Apr 2019 11:10		17 Apr 2019 10:00	17 Apr 2019 23:48	1
HS19040940-11	SS-11 (0-6")	16 Apr 2019 11:25		17 Apr 2019 10:00	18 Apr 2019 13:46	20
HS19040940-11	SS-11 (0-6")	16 Apr 2019 11:25		17 Apr 2019 10:00	17 Apr 2019 23:50	1
HS19040940-12	SS-8 (0-6")	16 Apr 2019 11:45		17 Apr 2019 10:00	18 Apr 2019 13:48	20
HS19040940-12	SS-8 (0-6")	16 Apr 2019 11:45		17 Apr 2019 10:00	17 Apr 2019 23:57	1
HS19040940-13	SS-9 (0-6")	16 Apr 2019 12:25		17 Apr 2019 10:00	18 Apr 2019 13:50	20
HS19040940-13	SS-9 (0-6")	16 Apr 2019 12:25		17 Apr 2019 10:00	17 Apr 2019 23:59	1
HS19040940-14	SS-7 (0-6")	16 Apr 2019 12:40		17 Apr 2019 10:00	18 Apr 2019 13:53	20
HS19040940-14	SS-7 (0-6")	16 Apr 2019 12:40		17 Apr 2019 10:00	18 Apr 2019 00:01	1

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID 139886	Test Name : TEXAS TPH BY TX1005			Matrix: Soil		
HS19040940-01	SS-14 (0-6")	16 Apr 2019 08:15		16 Apr 2019 17:12	18 Apr 2019 08:33	1
HS19040940-02	SS-13 (0-6")	16 Apr 2019 08:40		16 Apr 2019 17:12	19 Apr 2019 10:55	1
HS19040940-03	SS-12 (0-6")	16 Apr 2019 08:55		16 Apr 2019 17:12	18 Apr 2019 09:31	1
HS19040940-04	SS-2 (0-6")	16 Apr 2019 09:10		16 Apr 2019 17:12	18 Apr 2019 10:01	1
HS19040940-05	SS-1 (0-6")	16 Apr 2019 09:25		16 Apr 2019 17:12	18 Apr 2019 10:30	1
HS19040940-06	SS-3 (0-6")	16 Apr 2019 09:45		16 Apr 2019 17:12	18 Apr 2019 11:00	1
HS19040940-07	SS-4 (0-6")	16 Apr 2019 09:55		16 Apr 2019 17:12	18 Apr 2019 11:30	1
HS19040940-08	SS-5 (0-6")	16 Apr 2019 10:15		16 Apr 2019 17:12	18 Apr 2019 11:59	1
HS19040940-09	SS-6 (0-6")	16 Apr 2019 10:40		16 Apr 2019 17:12	18 Apr 2019 13:28	1
HS19040940-10	SS-10 (0-6")	16 Apr 2019 11:10		16 Apr 2019 17:12	18 Apr 2019 13:58	1
HS19040940-11	SS-11 (0-6")	16 Apr 2019 11:25		16 Apr 2019 17:12	18 Apr 2019 14:28	1
HS19040940-12	SS-8 (0-6")	16 Apr 2019 11:45		16 Apr 2019 17:12	18 Apr 2019 14:57	1
HS19040940-13	SS-9 (0-6")	16 Apr 2019 12:25		16 Apr 2019 17:12	18 Apr 2019 15:27	1
HS19040940-14	SS-7 (0-6")	16 Apr 2019 12:40		16 Apr 2019 17:12	18 Apr 2019 15:57	1
Batch ID 139896	Test Name : LOW-LEVEL SEMIVOLATILES BY 8270D			Matrix: Soil		
HS19040940-01	SS-14 (0-6")	16 Apr 2019 08:15		16 Apr 2019 16:30	18 Apr 2019 15:13	10
HS19040940-02	SS-13 (0-6")	16 Apr 2019 08:40		16 Apr 2019 16:30	17 Apr 2019 20:20	10
HS19040940-03	SS-12 (0-6")	16 Apr 2019 08:55		16 Apr 2019 16:30	17 Apr 2019 20:40	10
HS19040940-04	SS-2 (0-6")	16 Apr 2019 09:10		16 Apr 2019 16:30	18 Apr 2019 15:32	10
HS19040940-05	SS-1 (0-6")	16 Apr 2019 09:25		16 Apr 2019 16:30	18 Apr 2019 15:52	10
HS19040940-06	SS-3 (0-6")	16 Apr 2019 09:45		16 Apr 2019 16:30	18 Apr 2019 16:12	10
HS19040940-07	SS-4 (0-6")	16 Apr 2019 09:55		16 Apr 2019 16:30	17 Apr 2019 21:59	10
HS19040940-08	SS-5 (0-6")	16 Apr 2019 10:15		16 Apr 2019 16:30	17 Apr 2019 22:18	10
HS19040940-09	SS-6 (0-6")	16 Apr 2019 10:40		16 Apr 2019 16:30	17 Apr 2019 22:38	10
HS19040940-10	SS-10 (0-6")	16 Apr 2019 11:10		16 Apr 2019 16:30	17 Apr 2019 22:58	10
HS19040940-11	SS-11 (0-6")	16 Apr 2019 11:25		16 Apr 2019 16:30	18 Apr 2019 16:31	10
HS19040940-12	SS-8 (0-6")	16 Apr 2019 11:45		16 Apr 2019 16:30	18 Apr 2019 16:51	10
HS19040940-13	SS-9 (0-6")	16 Apr 2019 12:25		16 Apr 2019 16:30	18 Apr 2019 17:10	10
HS19040940-14	SS-7 (0-6")	16 Apr 2019 12:40		16 Apr 2019 16:30	18 Apr 2019 00:16	10

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID 139960	Test Name : MERCURY BY SW7471B			Matrix: Soil		
HS19040940-01	SS-14 (0-6")	16 Apr 2019 08:15		18 Apr 2019 10:00	18 Apr 2019 15:42	1
HS19040940-02	SS-13 (0-6")	16 Apr 2019 08:40		18 Apr 2019 10:00	18 Apr 2019 15:44	1
HS19040940-03	SS-12 (0-6")	16 Apr 2019 08:55		18 Apr 2019 10:00	18 Apr 2019 15:46	1
HS19040940-04	SS-2 (0-6")	16 Apr 2019 09:10		18 Apr 2019 10:00	18 Apr 2019 15:47	1
HS19040940-05	SS-1 (0-6")	16 Apr 2019 09:25		18 Apr 2019 10:00	18 Apr 2019 15:49	1
HS19040940-06	SS-3 (0-6")	16 Apr 2019 09:45		18 Apr 2019 10:00	18 Apr 2019 15:54	1
HS19040940-07	SS-4 (0-6")	16 Apr 2019 09:55		18 Apr 2019 10:00	18 Apr 2019 15:56	1
HS19040940-08	SS-5 (0-6")	16 Apr 2019 10:15		18 Apr 2019 10:00	18 Apr 2019 15:58	1
HS19040940-09	SS-6 (0-6")	16 Apr 2019 10:40		18 Apr 2019 10:00	18 Apr 2019 15:59	1
HS19040940-10	SS-10 (0-6")	16 Apr 2019 11:10		18 Apr 2019 10:00	18 Apr 2019 16:01	1
HS19040940-11	SS-11 (0-6")	16 Apr 2019 11:25		18 Apr 2019 10:00	18 Apr 2019 16:03	1
HS19040940-12	SS-8 (0-6")	16 Apr 2019 11:45		18 Apr 2019 10:00	18 Apr 2019 16:04	1
HS19040940-13	SS-9 (0-6")	16 Apr 2019 12:25		18 Apr 2019 10:00	18 Apr 2019 16:06	1
HS19040940-14	SS-7 (0-6")	16 Apr 2019 12:40		18 Apr 2019 10:00	18 Apr 2019 16:08	1
Batch ID R336835	Test Name : MOISTURE - ASTM D2216			Matrix: Soil		
HS19040940-01	SS-14 (0-6")	16 Apr 2019 08:15			17 Apr 2019 17:05	1
HS19040940-02	SS-13 (0-6")	16 Apr 2019 08:40			17 Apr 2019 17:05	1
HS19040940-03	SS-12 (0-6")	16 Apr 2019 08:55			17 Apr 2019 17:05	1
HS19040940-04	SS-2 (0-6")	16 Apr 2019 09:10			17 Apr 2019 17:05	1
HS19040940-05	SS-1 (0-6")	16 Apr 2019 09:25			17 Apr 2019 17:05	1
HS19040940-06	SS-3 (0-6")	16 Apr 2019 09:45			17 Apr 2019 17:05	1
HS19040940-07	SS-4 (0-6")	16 Apr 2019 09:55			17 Apr 2019 17:05	1
HS19040940-08	SS-5 (0-6")	16 Apr 2019 10:15			17 Apr 2019 17:05	1
HS19040940-09	SS-6 (0-6")	16 Apr 2019 10:40			17 Apr 2019 17:05	1
HS19040940-10	SS-10 (0-6")	16 Apr 2019 11:10			17 Apr 2019 17:05	1
HS19040940-11	SS-11 (0-6")	16 Apr 2019 11:25			17 Apr 2019 17:05	1
HS19040940-12	SS-8 (0-6")	16 Apr 2019 11:45			17 Apr 2019 17:05	1
HS19040940-13	SS-9 (0-6")	16 Apr 2019 12:25			17 Apr 2019 17:05	1
HS19040940-14	SS-7 (0-6")	16 Apr 2019 12:40			17 Apr 2019 17:05	1

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID R336836		Test Name : VOLATILES BY SW8260C			Matrix: Soil	
HS19040940-01	SS-14 (0-6")	16 Apr 2019 08:15			18 Apr 2019 15:43	1
HS19040940-02	SS-13 (0-6")	16 Apr 2019 08:40			18 Apr 2019 16:08	1
HS19040940-03	SS-12 (0-6")	16 Apr 2019 08:55			18 Apr 2019 16:33	1
HS19040940-04	SS-2 (0-6")	16 Apr 2019 09:10			18 Apr 2019 16:58	1
HS19040940-05	SS-1 (0-6")	16 Apr 2019 09:25			18 Apr 2019 17:23	1
HS19040940-06	SS-3 (0-6")	16 Apr 2019 09:45			18 Apr 2019 17:48	1
HS19040940-07	SS-4 (0-6")	16 Apr 2019 09:55			18 Apr 2019 18:38	1
HS19040940-08	SS-5 (0-6")	16 Apr 2019 10:15			18 Apr 2019 19:03	1
HS19040940-09	SS-6 (0-6")	16 Apr 2019 10:40			18 Apr 2019 19:28	1
HS19040940-10	SS-10 (0-6")	16 Apr 2019 11:10			18 Apr 2019 19:53	1
Batch ID R336904		Test Name : VOLATILES BY SW8260C			Matrix: Soil	
HS19040940-11	SS-11 (0-6")	16 Apr 2019 11:25			19 Apr 2019 09:59	1
HS19040940-12	SS-8 (0-6")	16 Apr 2019 11:45			19 Apr 2019 10:24	1
HS19040940-13	SS-9 (0-6")	16 Apr 2019 12:25			19 Apr 2019 10:49	1
HS19040940-14	SS-7 (0-6")	16 Apr 2019 12:40			19 Apr 2019 11:13	1
Batch ID R336952		Test Name : VOLATILES - SW8260C			Matrix: Water	
HS19040940-15	Trip Blank VBLKW-040119-96	16 Apr 2019 00:00			19 Apr 2019 05:33	1

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: FID-12
 Test Code: TX1005_S_REV3
 Test Number: TX1005
 Test Name: Texas TPH by TX1005

**METHOD DETECTION /
REPORTING LIMITS****Matrix:** Solid**Units:** mg/Kg

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	nC6 to nC12	TPH-1005-1	25	23	7.4	50
A	>nC12 to nC28	TPH-1005-2	25	23	9.8	50
A	>nC28 to nC35	TPH-1005-4	25	23	9.8	50
A	Total Petroleum Hydrocarbon	TPH	25	23	7.4	50
S	2-Fluorobiphenyl	321-60-8	0	0	0	0
S	Trifluoromethyl benzene	98-08-8	0	0	0	0

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: HG03
 Test Code: HG_S_Low
 Test Number: SW7471A
 Test Name: Mercury by SW7471B

**METHOD DETECTION /
 REPORTING LIMITS**

Matrix: Solid

Units: mg/Kg

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Mercury	7439-97-6	0.00167	0.00180	0.000470	0.00332

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: ICPMS04
 Test Code: ICP_S_Low
 Test Number: SW6020
 Test Name: Metals by SW6020A

**METHOD DETECTION /
 REPORTING LIMITS**

Matrix: Solid

Units: mg/Kg

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Arsenic	7440-38-2	0.100	0.110	0.0700	0.500
A	Barium	7440-39-3	0.100	0.0944	0.0300	0.500
A	Cadmium	7440-43-9	0.100	0.104	0.0270	0.500
A	Chromium	7440-47-3	0.100	0.119	0.0230	0.500
A	Lead	7439-92-1	0.100	0.0930	0.0130	0.500
A	Selenium	7782-49-2	0.100	0.108	0.0910	0.500
A	Silver	7440-22-4	0.100	0.103	0.0150	0.500

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
InstrumentID: SV-6
Test Code: 8270_LOW_S
Test Number: SW8270
Test Name: Low-Level Semivolatiles by 8270D

**METHOD DETECTION /
REPORTING LIMITS****Matrix:** Solid**Units:** mg/Kg

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	1,1'-Biphenyl	92-52-4	0.0033	0.0031	0.0017	0.0066
A	2,4,5-Trichlorophenol	95-95-4	0.0033	0.0014	0.0025	0.0066
A	2,4,6-Trichlorophenol	88-06-2	0.0033	0.0026	0.0017	0.0066
A	2,4-Dichlorophenol	120-83-2	0.0033	0.0022	0.0013	0.0066
A	2,4-Dimethylphenol	105-67-9	0.0033	0.0027	0.0033	0.0066
A	2,4-Dinitrophenol	51-28-5	0.0033	0.0054	0.0045	0.013
A	2,4-Dinitrotoluene	121-14-2	0.0033	0.0018	0.00090	0.0066
A	2,6-Dinitrotoluene	606-20-2	0.0033	0.0022	0.0033	0.0066
A	2-Chloronaphthalene	91-58-7	0.0033	0.0025	0.0013	0.0066
A	2-Chlorophenol	95-57-8	0.0033	0.0029	0.0013	0.0066
A	2-Methylnaphthalene	91-57-6	0.0017	0.00097	0.00050	0.0033
A	2-Methylphenol	95-48-7	0.0033	0.0026	0.0011	0.0066
A	2-Nitroaniline	88-74-4	0.0033	0.0017	0.0019	0.0066
A	2-Nitrophenol	88-75-5	0.0033	0.0027	0.0025	0.0066
A	3&4-Methylphenol	3/4-CRESOL	0.0033	0.0022	0.0010	0.0066
A	3,3'-Dichlorobenzidine	91-94-1	0.0033	0.0030	0.0025	0.0066
A	3-Nitroaniline	99-09-2	0.0033	0.0011	0.0019	0.0066
A	4,6-Dinitro-2-methylphenol	534-52-1	0.0033	0.00080	0.0021	0.0066
A	4-Bromophenyl phenyl ether	101-55-3	0.0033	0.0029	0.0016	0.0066
A	4-Chloro-3-methylphenol	59-50-7	0.0033	0.0024	0.00070	0.0066
A	4-Chloroaniline	106-47-8	0.0033	0.0014	0.0011	0.0066
A	4-Chlorophenyl phenyl ether	7005-72-3	0.0033	0.0024	0.0015	0.0066
A	4-Nitroaniline	100-01-6	0.0033	0.0022	0.0022	0.0066
A	4-Nitrophenol	100-02-7	0.0033	0.0012	0.0019	0.013
A	Acenaphthene	83-32-9	0.0017	0.0011	0.00050	0.0033
A	Acenaphthylene	208-96-8	0.0017	0.0013	0.0010	0.0033
A	Acetophenone	98-86-2	0.0033	0.0026	0.00080	0.0066
A	Anthracene	120-12-7	0.0017	0.0015	0.00050	0.0033
A	Atrazine	1912-24-9	0.0033	0.0034	0.0020	0.0066
A	Benz(a)anthracene	56-55-3	0.0017	0.0015	0.0016	0.0033
A	Benzaldehyde	100-52-7	0.0033	0.0035	0.0012	0.0066
A	Benzo(a)pyrene	50-32-8	0.0017	0.0011	0.0010	0.0033
A	Benzo(b)fluoranthene	205-99-2	0.0017	0.0012	0.0012	0.0033
A	Benzo(g,h,i)perylene	191-24-2	0.0017	0.0014	0.00070	0.0033
A	Benzo(k)fluoranthene	207-08-9	0.0017	0.0015	0.00090	0.0033
A	Bis(2-chloroethoxy)methane	111-91-1	0.0033	0.0026	0.00090	0.0066
A	Bis(2-chloroethyl)ether	111-44-4	0.0033	0.0025	0.0011	0.0066
A	Bis(2-chloroisopropyl)ether	108-60-1	0.0033	0.0026	0.0014	0.0066
A	Bis(2-ethylhexyl)phthalate	117-81-7	0.0033	0.0026	0.0017	0.0066
A	Butyl benzyl phthalate	85-68-7	0.0033	0.0026	0.0013	0.0066

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: SV-6
 Test Code: 8270_LOW_S
 Test Number: SW8270
 Test Name: Low-Level Semivolatiles by 8270D

**METHOD DETECTION /
REPORTING LIMITS****Matrix:** Solid**Units:** mg/Kg

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Caprolactam	105-60-2	0.0033	0.0032	0.0012	0.0066
A	Carbazole	86-74-8	0.0033	0.0048	0.0012	0.0066
A	Chrysene	218-01-9	0.0017	0.0015	0.00080	0.0033
A	Dibenz(a,h)anthracene	53-70-3	0.0017	0.0015	0.0016	0.0033
A	Dibenzofuran	132-64-9	0.0017	0.0012	0.00070	0.0033
A	Diethyl phthalate	84-66-2	0.0033	0.0025	0.0010	0.0066
A	Dimethyl phthalate	131-11-3	0.0033	0.0023	0.00080	0.0066
A	Di-n-butyl phthalate	84-74-2	0.0033	0.0026	0.0012	0.0066
A	Di-n-octyl phthalate	117-84-0	0.0033	0.0023	0.00090	0.0066
A	Fluoranthene	206-44-0	0.0017	0.0014	0.0011	0.0033
A	Fluorene	86-73-7	0.0017	0.0015	0.0011	0.0033
A	Hexachlorobenzene	118-74-1	0.0033	0.0028	0.00090	0.0066
A	Hexachlorobutadiene	87-68-3	0.0033	0.0030	0.0012	0.0066
A	Hexachlorocyclopentadiene	77-47-4	0.0033	0.0024	0.00080	0.0066
A	Hexachloroethane	67-72-1	0.0033	0.0024	0.0015	0.0066
A	Indeno(1,2,3-cd)pyrene	193-39-5	0.0017	0.0016	0.00080	0.0033
A	Isophorone	78-59-1	0.0033	0.0026	0.00080	0.0066
A	Naphthalene	91-20-3	0.0017	0.0011	0.00060	0.0033
A	Nitrobenzene	98-95-3	0.0033	0.0030	0.00090	0.0066
A	N-Nitrosodi-n-propylamine	621-64-7	0.0033	0.0026	0.0011	0.0066
A	N-Nitrosodiphenylamine	86-30-6	0.0033	0.0031	0.00070	0.0066
A	Pentachlorophenol	87-86-5	0.0033	0.00022	0.0033	0.0066
A	Phenanthrene	85-01-8	0.0017	0.0014	0.0015	0.0033
A	Phenol	108-95-2	0.0033	0.0029	0.0011	0.0066
A	Pyrene	129-00-0	0.0017	0.0013	0.00060	0.0033
S	2,4,6-Tribromophenol	118-79-6	0	0	0	0
S	2-Fluorobiphenyl	321-60-8	0	0	0	0
S	2-Fluorophenol	367-12-4	0	0	0	0
S	4-Terphenyl-d14	1718-51-0	0	0	0	0
S	Nitrobenzene-d5	4165-60-0	0	0	0	0
S	Phenol-d6	13127-88-3	0	0	0	0

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: VOA5
 Test Code: 8260_S
 Test Number: SW8260
 Test Name: Volatiles by SW8260C

**METHOD DETECTION /
REPORTING LIMITS****Matrix:** Solid**Units:** mg/Kg

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	1,1,1-Trichloroethane	71-55-6	0.0012	0.0022	0.00050	0.0050
A	1,1,2,2-Tetrachloroethane	79-34-5	0.0012	0.0015	0.00080	0.0050
A	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.0012	0.0021	0.00070	0.0050
A	1,1,2-Trichloroethane	79-00-5	0.0012	0.0013	0.00050	0.0050
A	1,1-Dichloroethane	75-34-3	0.0012	0.0014	0.00050	0.0050
A	1,1-Dichloroethene	75-35-4	0.0012	0.0016	0.00050	0.0050
A	1,2,4-Trichlorobenzene	120-82-1	0.0012	0.0012	0.0010	0.0050
A	1,2-Dibromo-3-chloropropane	96-12-8	0.0012	0.0020	0.0010	0.0050
A	1,2-Dibromoethane	106-93-4	0.0012	0.0014	0.00050	0.0050
A	1,2-Dichlorobenzene	95-50-1	0.0012	0.0015	0.0010	0.0050
A	1,2-Dichloroethane	107-06-2	0.0012	0.0015	0.00060	0.0050
A	1,2-Dichloropropane	78-87-5	0.0012	0.0015	0.00080	0.0050
A	1,3-Dichlorobenzene	541-73-1	0.0012	0.0013	0.0010	0.0050
A	1,4-Dichlorobenzene	106-46-7	0.0012	0.0014	0.0010	0.0050
A	2-Butanone	78-93-3	0.0025	0.0036	0.0013	0.010
A	2-Hexanone	591-78-6	0.0025	0.0030	0.0014	0.010
A	4-Methyl-2-pentanone	108-10-1	0.0025	0.0032	0.0020	0.010
A	Acetone	67-64-1	0.0025	0.0026	0.0020	0.020
A	Benzene	71-43-2	0.0012	0.0013	0.00050	0.0050
A	Bromodichloromethane	75-27-4	0.0012	0.0019	0.00050	0.0050
A	Bromoform	75-25-2	0.0012	0.0028	0.00060	0.0050
A	Bromomethane	74-83-9	0.0012	0.0015	0.0010	0.010
A	Carbon disulfide	75-15-0	0.0025	0.0025	0.00060	0.010
A	Carbon tetrachloride	56-23-5	0.0012	0.0023	0.00060	0.0050
A	Chlorobenzene	108-90-7	0.0012	0.0015	0.00060	0.0050
A	Chloroethane	75-00-3	0.0025	0.00097	0.00080	0.010
A	Chloroform	67-66-3	0.0012	0.0014	0.00050	0.0050
A	Chloromethane	74-87-3	0.0025	0.0014	0.00050	0.010
A	cis-1,2-Dichloroethene	156-59-2	0.0012	0.0013	0.00080	0.0050
A	cis-1,3-Dichloropropene	10061-01-5	0.0012	0.0013	0.00050	0.0050
A	Cyclohexane	110-82-7	0.0012	0.0018	0.0010	0.0050
A	Dibromochloromethane	124-48-1	0.0012	0.0022	0.00050	0.0050
A	Dichlorodifluoromethane	75-71-8	0.0012	0.0017	0.00070	0.0050
A	Ethylbenzene	100-41-4	0.0012	0.0013	0.00070	0.0050
A	Isopropylbenzene	98-82-8	0.0012	0.0012	0.00090	0.0050
A	m,p-Xylene	179601-23-1	0.0025	0.0026	0.0016	0.010
A	Methyl acetate	79-20-9	0.0012	0.0019	0.00070	0.0050
A	Methyl tert-butyl ether	1634-04-4	0.0012	0.0014	0.00050	0.0050
A	Methylcyclohexane	108-87-2	0.0012	0.0019	0.0010	0.0050
A	Methylene chloride	75-09-2	0.0025	0.0031	0.0010	0.010

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: VOA5
 Test Code: 8260_S
 Test Number: SW8260
 Test Name: Volatiles by SW8260C

**METHOD DETECTION /
REPORTING LIMITS****Matrix:** Solid**Units:** mg/Kg

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	o-Xylene	95-47-6	0.0012	0.0013	0.0010	0.0050
A	Styrene	100-42-5	0.0012	0.0014	0.00070	0.0050
A	Tetrachloroethene	127-18-4	0.0012	0.0022	0.00070	0.0050
A	Toluene	108-88-3	0.0012	0.0013	0.00060	0.0050
A	trans-1,2-Dichloroethene	156-60-5	0.0012	0.0012	0.00050	0.0050
A	trans-1,3-Dichloropropene	10061-02-6	0.0012	0.0013	0.00060	0.0050
A	Trichloroethene	79-01-6	0.0012	0.0012	0.00060	0.0050
A	Trichlorofluoromethane	75-69-4	0.0012	0.0018	0.00050	0.0050
A	Vinyl chloride	75-01-4	0.0012	0.0018	0.00080	0.0020
A	Xylenes, Total	1330-20-7	0.0012	0.0013	0.0010	0.0050
S	1,2-Dichloroethane-d4	17060-07-0	0	0	0	0
S	4-Bromofluorobenzene	460-00-4	0	0	0	0
S	Dibromofluoromethane	1868-53-7	0	0	0	0
S	Toluene-d8	2037-26-5	0	0	0	0

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940

InstrumentID: VOA4

Test Code: 8260_W

Test Number: SW8260

Test Name: Volatiles - SW8260C

**METHOD DETECTION /
REPORTING LIMITS****Matrix:** Aqueous**Units:** mg/L

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	1,1,1-Trichloroethane	71-55-6	0.0010	0.00081	0.00050	0.0050
A	1,1,2,2-Tetrachloroethane	79-34-5	0.0010	0.00095	0.00050	0.0050
A	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.0010	0.00065	0.00050	0.0050
A	1,1,2-Trichloroethane	79-00-5	0.0010	0.0010	0.00050	0.0050
A	1,1-Dichloroethane	75-34-3	0.0010	0.0010	0.00040	0.0050
A	1,1-Dichloroethene	75-35-4	0.0010	0.0010	0.00050	0.0050
A	1,2,4-Trichlorobenzene	120-82-1	0.0010	0.0011	0.00060	0.0050
A	1,2-Dibromo-3-chloropropane	96-12-8	0.0010	0.0018	0.00050	0.0050
A	1,2-Dibromoethane	106-93-4	0.0010	0.00099	0.00040	0.0050
A	1,2-Dichlorobenzene	95-50-1	0.0010	0.0011	0.00060	0.0050
A	1,2-Dichloroethane	107-06-2	0.0010	0.0014	0.00050	0.0050
A	1,2-Dichloropropane	78-87-5	0.0010	0.00091	0.00070	0.0050
A	1,3-Dichlorobenzene	541-73-1	0.0010	0.0012	0.00050	0.0050
A	1,4-Dichlorobenzene	106-46-7	0.0010	0.0012	0.00060	0.0050
A	2-Butanone	78-93-3	0.0020	0.0022	0.0010	0.010
A	2-Hexanone	591-78-6	0.0020	0.0019	0.0010	0.010
A	4-Methyl-2-pentanone	108-10-1	0.0020	0.0021	0.0010	0.010
A	Acetone	67-64-1	0.0020	0.0025	0.0020	0.010
A	Benzene	71-43-2	0.0010	0.0010	0.00060	0.0050
A	Bromodichloromethane	75-27-4	0.0010	0.0010	0.00060	0.0050
A	Bromoform	75-25-2	0.0010	0.00099	0.00050	0.0050
A	Bromomethane	74-83-9	0.0010	0.0016	0.00050	0.0050
A	Carbon disulfide	75-15-0	0.0020	0.0023	0.00090	0.010
A	Carbon tetrachloride	56-23-5	0.0010	0.0010	0.00060	0.0050
A	Chlorobenzene	108-90-7	0.0010	0.0010	0.00040	0.0050
A	Chloroethane	75-00-3	0.0010	0.0014	0.00050	0.0050
A	Chloroform	67-66-3	0.0010	0.00099	0.00060	0.0050
A	Chloromethane	74-87-3	0.0010	0.0012	0.00050	0.0050
A	cis-1,2-Dichloroethene	156-59-2	0.0010	0.00096	0.00060	0.0050
A	cis-1,3-Dichloropropene	10061-01-5	0.0010	0.0016	0.00060	0.0050
A	Cyclohexane	110-82-7	0.0010	0.00091	0.00060	0.0050
A	Dibromochloromethane	124-48-1	0.0010	0.00095	0.00050	0.0050
A	Dichlorodifluoromethane	75-71-8	0.0010	0.00084	0.00050	0.0050
A	Ethylbenzene	100-41-4	0.0010	0.00093	0.00050	0.0050
A	Isopropylbenzene	98-82-8	0.0010	0.00090	0.00050	0.0050
A	m,p-Xylene	179601-23-1	0.0020	0.0021	0.00060	0.010
A	Methyl acetate	79-20-9	0.0010	0.00098	0.00060	0.0050
A	Methyl tert-butyl ether	1634-04-4	0.0010	0.0011	0.00060	0.0050
A	Methylcyclohexane	108-87-2	0.0010	0.0011	0.0010	0.0050
A	Methylene chloride	75-09-2	0.0010	0.0011	0.0010	0.010

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: VOA4
 Test Code: 8260_W
 Test Number: SW8260
 Test Name: Volatiles - SW8260C

**METHOD DETECTION /
 REPORTING LIMITS**
Matrix: Aqueous**Units:** mg/L

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	o-Xylene	95-47-6	0.0010	0.0010	0.00050	0.0050
A	Styrene	100-42-5	0.0010	0.00099	0.00050	0.0050
A	Tetrachloroethene	127-18-4	0.0010	0.00094	0.00060	0.0050
A	Toluene	108-88-3	0.0010	0.0010	0.00050	0.0050
A	trans-1,2-Dichloroethene	156-60-5	0.0010	0.0012	0.00040	0.0050
A	trans-1,3-Dichloropropene	10061-02-6	0.0010	0.0016	0.00060	0.0050
A	Trichloroethene	79-01-6	0.0010	0.0011	0.00050	0.0050
A	Trichlorofluoromethane	75-69-4	0.0010	0.00078	0.00060	0.0050
A	Vinyl chloride	75-01-4	0.0010	0.0012	0.00040	0.0020
A	Xylenes, Total	1330-20-7	0.0010	0.0010	0.00050	0.0050
S	1,2-Dichloroethane-d4	17060-07-0	0	0	0	0
S	4-Bromofluorobenzene	460-00-4	0	0	0	0
S	Dibromofluoromethane	1868-53-7	0	0	0	0
S	Toluene-d8	2037-26-5	0	0	0	0

ALS Houston, US

Date: 19-Apr-19

WorkOrder: HS19040940
 InstrumentID: Balance1
 Test Code: MOIST_ASTM
 Test Number: ASTM D2216
 Test Name: Moisture - ASTM D2216

**METHOD DETECTION /
 REPORTING LIMITS**

Matrix: Solid **Units:** wt%

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Percent Moisture	MOIST	0	0	0.0100	0.0100

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139886 (0)		Instrument: FID-12		Method: TEXAS TPH BY TX1005						
MBLK	Sample ID: MBLK-139886	Units: mg/Kg			Analysis Date: 18-Apr-2019 05:37					
Client ID:	Run ID: FID-12_336905	SeqNo: 5042088		PrepDate: 16-Apr-2019		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	U	50								
>nC12 to nC28	U	50								
>nC28 to nC35	U	50								
Total Petroleum Hydrocarbon	U	50								
<i>Surr: 2-Fluorobiphenyl</i>	25.44	0	25	0	102	70 - 130				
<i>Surr: Trifluoromethyl benzene</i>	28.35	0	25	0	113	70 - 130				
LCS	Sample ID: LCS-139886	Units: mg/Kg			Analysis Date: 18-Apr-2019 06:06					
Client ID:	Run ID: FID-12_336905	SeqNo: 5042089		PrepDate: 16-Apr-2019		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	222.3	50	250	0	88.9	75 - 125				
>nC12 to nC28	248.3	50	250	0	99.3	75 - 125				
<i>Surr: 2-Fluorobiphenyl</i>	25.3	0	25	0	101	70 - 130				
<i>Surr: Trifluoromethyl benzene</i>	24.95	0	25	0	99.8	70 - 130				
LCSD	Sample ID: LCSD-139886	Units: mg/Kg			Analysis Date: 18-Apr-2019 06:35					
Client ID:	Run ID: FID-12_336905	SeqNo: 5042090		PrepDate: 16-Apr-2019		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	240	50	250	0	96.0	75 - 125	222.3	7.68	20	
>nC12 to nC28	264.1	50	250	0	106	75 - 125	248.3	6.17	20	
<i>Surr: 2-Fluorobiphenyl</i>	26.65	0	25	0	107	70 - 130	25.3	5.21	20	
<i>Surr: Trifluoromethyl benzene</i>	25.48	0	25	0	102	70 - 130	24.95	2.07	20	
MS	Sample ID: HS19040757-01MS	Units: mg/Kg			Analysis Date: 18-Apr-2019 07:34					
Client ID:	Run ID: FID-12_336905	SeqNo: 5042092		PrepDate: 16-Apr-2019		DF: 10				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	250.8	470	235.4	0	107	75 - 125				J
>nC12 to nC28	9433	470	235.4	9583	-63.7	75 - 125				SEO
<i>Surr: 2-Fluorobiphenyl</i>	25.47	0	23.54	0	108	70 - 130				
<i>Surr: Trifluoromethyl benzene</i>	23.77	0	23.54	0	101	70 - 130				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139886 (0)		Instrument: FID-12		Method: TEXAS TPH BY TX1005						
MSD	Sample ID: HS19040757-01MSD	Units: mg/Kg			Analysis Date: 18-Apr-2019 08:03					
Client ID:	Run ID: FID-12_336905	SeqNo: 5042093		PrepDate: 16-Apr-2019		DF: 10				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

nC6 to nC12	264.1	470	236.1	0	112	75 - 125	250.8	0	20	J
>nC12 to nC28	10590	470	236.1	9583	429	75 - 125	9433	11.6	20	SEO
<i>Surr: 2-Fluorobiphenyl</i>	<i>27.75</i>	<i>0</i>	<i>23.61</i>	<i>0</i>	<i>118</i>	<i>70 - 130</i>	<i>25.47</i>	<i>8.55</i>	<i>20</i>	
<i>Surr: Trifluoromethyl benzene</i>	<i>23.03</i>	<i>0</i>	<i>23.61</i>	<i>0</i>	<i>97.6</i>	<i>70 - 130</i>	<i>23.77</i>	<i>3.17</i>	<i>20</i>	

The following samples were analyzed in this batch:

HS19040940-01	HS19040940-02	HS19040940-03	HS19040940-04
HS19040940-05	HS19040940-06	HS19040940-07	HS19040940-08
HS19040940-09	HS19040940-10	HS19040940-11	HS19040940-12
HS19040940-13	HS19040940-14		

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139884 (0)	Instrument: ICPMS04	Method: METALS BY SW6020A
-------------------------------	----------------------------	----------------------------------

MBLK	Sample ID: MBLK-139884	Units: mg/Kg	Analysis Date: 17-Apr-2019 23:11							
Client ID:	Run ID: ICPMS04_336762	SeqNo: 5040007	PrepDate: 17-Apr-2019 DF: 1							
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	U	0.500								
Barium	U	0.500								
Cadmium	U	0.500								
Chromium	U	0.500								
Lead	U	0.500								
Selenium	U	0.500								
Silver	U	0.500								

LCS	Sample ID: LCS-139884	Units: mg/Kg	Analysis Date: 17-Apr-2019 23:13							
Client ID:	Run ID: ICPMS04_336762	SeqNo: 5040008	PrepDate: 17-Apr-2019 DF: 1							
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	8.454	0.500	10	0	84.5	80 - 120				
Barium	10.55	0.500	10	0	106	80 - 120				
Cadmium	10.6	0.500	10	0	106	80 - 120				
Chromium	8.668	0.500	10	0	86.7	80 - 120				
Lead	9.855	0.500	10	0	98.6	80 - 120				
Selenium	8.088	0.500	10	0	80.9	80 - 120				
Silver	8.14	0.500	10	0	81.4	80 - 120				

MS	Sample ID: HS19040940-01MS	Units: mg/Kg	Analysis Date: 17-Apr-2019 23:19							
Client ID: SS-14 (0-6")	Run ID: ICPMS04_336762	SeqNo: 5040011	PrepDate: 17-Apr-2019 DF: 1							
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	10.84	0.477	9.537	2.146	91.2	75 - 125				
Barium	216.1	0.477	9.537	107.9	1130	75 - 125				SEO
Cadmium	10.86	0.477	9.537	0.386	110	75 - 125				
Chromium	38.08	0.477	9.537	18.56	205	75 - 125				S
Lead	101.9	0.477	9.537	36.8	683	75 - 125				S
Selenium	8.536	0.477	9.537	0.4739	84.5	75 - 125				
Silver	7.783	0.477	9.537	0.07021	80.9	75 - 125				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139884 (0)		Instrument: ICPMS04			Method: METALS BY SW6020A					
MSD		Sample ID: HS19040940-01MSD			Units: mg/Kg		Analysis Date: 17-Apr-2019 23:22			
Client ID: SS-14 (0-6")		Run ID: ICPMS04_336762			SeqNo: 5040012		PrepDate: 17-Apr-2019		DF: 1	
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.92	0.484	9.675	2.146	90.7	75 - 125	10.84	0.74	20	
Barium	139.9	0.484	9.675	107.9	331	75 - 125	216.1	42.8	20	SRO
Cadmium	10.8	0.484	9.675	0.386	108	75 - 125	10.86	0.54	20	
Chromium	28.49	0.484	9.675	18.56	103	75 - 125	38.08	28.8	20	R
Lead	46.99	0.484	9.675	36.8	105	75 - 125	101.9	73.8	20	R
Selenium	8.783	0.484	9.675	0.4739	85.9	75 - 125	8.536	2.85	20	
Silver	7.835	0.484	9.675	0.07021	80.3	75 - 125	7.783	0.657	20	
PDS		Sample ID: HS19040940-01PDS			Units: mg/Kg		Analysis Date: 17-Apr-2019 23:24			
Client ID: SS-14 (0-6")		Run ID: ICPMS04_336762			SeqNo: 5040013		PrepDate: 17-Apr-2019		DF: 1	
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.16	0.474	9.475	2.146	95.1	75 - 125				
Barium	119.2	0.474	9.475	107.9	119	75 - 125				O
Cadmium	10.8	0.474	9.475	0.386	110	75 - 125				
Chromium	28.26	0.474	9.475	18.56	102	75 - 125				
Lead	46.06	0.474	9.475	36.8	97.7	75 - 125				
Selenium	9.069	0.474	9.475	0.4739	90.7	75 - 125				
Silver	7.465	0.474	9.475	0.07021	78.0	75 - 125				
SD		Sample ID: HS19040940-01SD			Units: mg/Kg		Analysis Date: 17-Apr-2019 23:17			
Client ID: SS-14 (0-6")		Run ID: ICPMS04_336762			SeqNo: 5040010		PrepDate: 17-Apr-2019		DF: 5	
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Arsenic	2.459	2.37					2.146	0	10	
Barium	101	2.37					107.9	6.46	10	
Cadmium	0.3941	2.37					0.386	0	10	J
Lead	35.7	2.37					36.8	3	10	
Selenium	0.5056	2.37					0.4739	0	10	J
Silver	0.08168	2.37					0.07021	0	10	J

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139884 (0)		Instrument: ICPMS04		Method: METALS BY SW6020A					
SD	Sample ID: HS19040940-01SD	Units: mg/Kg		Analysis Date: 18-Apr-2019 13:21					
Client ID: SS-14 (0-6")	Run ID: ICPMS04_336842	SeqNo: 5040932		PrepDate: 17-Apr-2019		DF: 5			
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit Qual
Chromium	20.88	2.37					20.21	3.32	10

The following samples were analyzed in this batch:

HS19040940-01	HS19040940-02	HS19040940-03	HS19040940-04
HS19040940-05	HS19040940-06	HS19040940-07	HS19040940-08
HS19040940-09	HS19040940-10	HS19040940-11	HS19040940-12
HS19040940-13	HS19040940-14		

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139960 (0)		Instrument: HG03		Method: MERCURY BY SW7471B						
MBLK	Sample ID: MBLK-139960	Units: ug/Kg		Analysis Date: 18-Apr-2019 15:34						
Client ID:	Run ID: HG03_336865	SeqNo: 5042029		PrepDate: 18-Apr-2019		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual	
Mercury	U	3.32								
LCS	Sample ID: LCS-139960	Units: ug/Kg		Analysis Date: 18-Apr-2019 15:35						
Client ID:	Run ID: HG03_336865	SeqNo: 5042030		PrepDate: 18-Apr-2019		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual	
Mercury	348.7	3.32	333.3	0	105	80 - 120				
MS	Sample ID: HS19041021-04MS	Units: ug/Kg		Analysis Date: 18-Apr-2019 15:39						
Client ID:	Run ID: HG03_336865	SeqNo: 5042032		PrepDate: 18-Apr-2019		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual	
Mercury	365	3.49	349.6	1.958	104	80 - 120				
MSD	Sample ID: HS19041021-04MSD	Units: ug/Kg		Analysis Date: 18-Apr-2019 15:41						
Client ID:	Run ID: HG03_336865	SeqNo: 5042033		PrepDate: 18-Apr-2019		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual	
Mercury	362.8	3.47	348.1	1.958	104	80 - 120	365	0.61	20	

The following samples were analyzed in this batch:	HS19040940-01	HS19040940-02	HS19040940-03	HS19040940-04
	HS19040940-05	HS19040940-06	HS19040940-07	HS19040940-08
	HS19040940-09	HS19040940-10	HS19040940-11	HS19040940-12
	HS19040940-13	HS19040940-14		

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-139896	Units: ug/Kg			Analysis Date: 17-Apr-2019 15:21					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042141	PrepDate: 16-Apr-2019	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	U	6.6								
2,4,5-Trichlorophenol	U	6.6								
2,4,6-Trichlorophenol	U	6.6								
2,4-Dichlorophenol	U	6.6								
2,4-Dimethylphenol	U	6.6								
2,4-Dinitrophenol	U	13								
2,4-Dinitrotoluene	U	6.6								
2,6-Dinitrotoluene	U	6.6								
2-Chloronaphthalene	U	6.6								
2-Chlorophenol	U	6.6								
2-Methylnaphthalene	U	3.3								
2-Methylphenol	U	6.6								
2-Nitroaniline	U	6.6								
2-Nitrophenol	U	6.6								
3&4-Methylphenol	U	6.6								
3,3'-Dichlorobenzidine	U	6.6								
3-Nitroaniline	U	6.6								
4,6-Dinitro-2-methylphenol	U	6.6								
4-Bromophenyl phenyl ether	U	6.6								
4-Chloro-3-methylphenol	U	6.6								
4-Chloroaniline	U	6.6								
4-Chlorophenyl phenyl ether	U	6.6								
4-Nitroaniline	U	6.6								
4-Nitrophenol	U	13								
Acenaphthene	U	3.3								
Acenaphthylene	U	3.3								
Acetophenone	U	6.6								
Anthracene	U	3.3								
Atrazine	U	6.6								
Benz(a)anthracene	U	3.3								
Benzaldehyde	U	6.6								
Benzo(a)pyrene	U	3.3								
Benzo(b)fluoranthene	U	3.3								
Benzo(g,h,i)perylene	U	3.3								

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-139896	Units: ug/Kg			Analysis Date: 17-Apr-2019 15:21					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042141		PrepDate: 16-Apr-2019		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Benzo(k)fluoranthene	U	3.3								
Bis(2-chloroethoxy)methane	U	6.6								
Bis(2-chloroethyl)ether	U	6.6								
Bis(2-chloroisopropyl)ether	U	6.6								
Bis(2-ethylhexyl)phthalate	U	6.6								
Butyl benzyl phthalate	U	6.6								
Caprolactam	U	6.6								
Carbazole	U	6.6								
Chrysene	U	3.3								
Dibenz(a,h)anthracene	U	3.3								
Dibenzofuran	U	3.3								
Diethyl phthalate	U	6.6								
Dimethyl phthalate	U	6.6								
Di-n-butyl phthalate	U	6.6								
Di-n-octyl phthalate	U	6.6								
Fluoranthene	U	3.3								
Fluorene	U	3.3								
Hexachlorobenzene	U	6.6								
Hexachlorobutadiene	U	6.6								
Hexachlorocyclopentadiene	U	6.6								
Hexachloroethane	U	6.6								
Indeno(1,2,3-cd)pyrene	U	3.3								
Isophorone	U	6.6								
Naphthalene	U	3.3								
Nitrobenzene	U	6.6								
N-Nitrosodi-n-propylamine	U	6.6								
N-Nitrosodiphenylamine	U	6.6								
Pentachlorophenol	U	6.6								
Phenanthrene	U	3.3								
Phenol	U	6.6								
Pyrene	U	3.3								
Surr: 2,4,6-Tribromophenol	115.4	0	167	0	69.1	36 - 126				
Surr: 2-Fluorobiphenyl	112.5	0	167	0	67.4	43 - 125				
Surr: 2-Fluorophenol	94.4	0	167	0	56.5	37 - 125				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-139896	Units: ug/Kg			Analysis Date: 17-Apr-2019 15:21					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042141		PrepDate: 16-Apr-2019		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
<i>Surr: 4-Terphenyl-d14</i>	140.5	0	167	0	84.1	32 - 125				
<i>Surr: Nitrobenzene-d5</i>	106.8	0	167	0	63.9	37 - 125				
<i>Surr: Phenol-d6</i>	104.7	0	167	0	62.7	40 - 125				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-139896	Units: ug/Kg			Analysis Date: 17-Apr-2019 15:40					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042142	PrepDate: 16-Apr-2019	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	134.2	6.6	167	0	80.3	50 - 120				
2,4,5-Trichlorophenol	120.5	6.6	167	0	72.1	45 - 127				
2,4,6-Trichlorophenol	111.9	6.6	167	0	67.0	45 - 130				
2,4-Dichlorophenol	131.3	6.6	167	0	78.6	45 - 125				
2,4-Dimethylphenol	108.6	6.6	167	0	65.0	45 - 120				
2,4-Dinitrophenol	72.06	13	167	0	43.1	10 - 126				
2,4-Dinitrotoluene	125.3	6.6	167	0	75.0	50 - 130				
2,6-Dinitrotoluene	125.6	6.6	167	0	75.2	50 - 125				
2-Chloronaphthalene	121.5	6.6	167	0	72.7	50 - 145				
2-Chlorophenol	99.24	6.6	167	0	59.4	45 - 120				
2-Methylnaphthalene	124.3	3.3	167	0	74.4	50 - 120				
2-Methylphenol	100.3	6.6	167	0	60.1	45 - 120				
2-Nitroaniline	169.6	6.6	167	0	102	45 - 138				
2-Nitrophenol	113.4	6.6	167	0	67.9	45 - 125				
3&4-Methylphenol	103.4	6.6	167	0	61.9	45 - 120				
3,3'-Dichlorobenzidine	200.5	6.6	167	0	120	15 - 120				S
3-Nitroaniline	179.8	6.6	167	0	108	40 - 120				
4,6-Dinitro-2-methylphenol	94.07	6.6	167	0	56.3	15 - 135				
4-Bromophenyl phenyl ether	141.5	6.6	167	0	84.7	50 - 125				
4-Chloro-3-methylphenol	133.2	6.6	167	0	79.8	45 - 130				
4-Chloroaniline	120.4	6.6	167	0	72.1	20 - 120				
4-Chlorophenyl phenyl ether	133.3	6.6	167	0	79.8	50 - 120				
4-Nitroaniline	111.3	6.6	167	0	66.6	50 - 127				
4-Nitrophenol	137.5	13	167	0	82.3	40 - 147				
Acenaphthene	106.9	3.3	167	0	64.0	50 - 120				
Acenaphthylene	109.2	3.3	167	0	65.4	50 - 120				
Acetophenone	126.1	6.6	167	0	75.5	50 - 120				
Anthracene	125.7	3.3	167	0	75.3	50 - 123				
Atrazine	182.4	6.6	167	0	109	29 - 148				
Benz(a)anthracene	133.1	3.3	167	0	79.7	50 - 131				
Benzaldehyde	18.28	6.6	167	0	10.9	22 - 129				S
Benzo(a)pyrene	144.7	3.3	167	0	86.7	50 - 130				
Benzo(b)fluoranthene	149.1	3.3	167	0	89.3	50 - 137				
Benzo(g,h,i)perylene	141.6	3.3	167	0	84.8	50 - 130				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-139896	Units: ug/Kg			Analysis Date: 17-Apr-2019 15:40					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042142	PrepDate: 16-Apr-2019	DF: 1						
Analyte	Result	SQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	144	3.3	167	0	86.2	50 - 143				
Bis(2-chloroethoxy)methane	94.54	6.6	167	0	56.6	50 - 120				
Bis(2-chloroethyl)ether	91.94	6.6	167	0	55.1	45 - 127				
Bis(2-chloroisopropyl)ether	331.1	6.6	167	0	198	50 - 120				S
Bis(2-ethylhexyl)phthalate	126.6	6.6	167	0	75.8	21 - 148				
Butyl benzyl phthalate	123.9	6.6	167	0	74.2	50 - 136				
Caprolactam	78.03	6.6	167	0	46.7	50 - 135				S
Carbazole	110	6.6	167	0	65.9	50 - 143				
Chrysene	145.5	3.3	167	0	87.1	50 - 130				
Dibenz(a,h)anthracene	140.6	3.3	167	0	84.2	50 - 130				
Dibenzofuran	119.6	3.3	167	0	71.6	50 - 125				
Diethyl phthalate	117.7	6.6	167	0	70.5	50 - 125				
Dimethyl phthalate	117.8	6.6	167	0	70.6	50 - 125				
Di-n-butyl phthalate	129.3	6.6	167	0	77.4	50 - 140				
Di-n-octyl phthalate	123.7	6.6	167	0	74.0	50 - 140				
Fluoranthene	140	3.3	167	0	83.8	50 - 131				
Fluorene	116.4	3.3	167	0	69.7	50 - 125				
Hexachlorobenzene	136.2	6.6	167	0	81.6	50 - 124				
Hexachlorobutadiene	152.7	6.6	167	0	91.5	50 - 125				
Hexachlorocyclopentadiene	110.3	6.6	167	0	66.1	45 - 135				
Hexachloroethane	113.9	6.6	167	0	68.2	45 - 125				
Indeno(1,2,3-cd)pyrene	122.7	3.3	167	0	73.4	45 - 139				
Isophorone	106.5	6.6	167	0	63.8	45 - 130				
Naphthalene	114.9	3.3	167	0	68.8	50 - 125				
Nitrobenzene	108	6.6	167	0	64.7	50 - 125				
N-Nitrosodi-n-propylamine	97.82	6.6	167	0	58.6	45 - 120				
N-Nitrosodiphenylamine	132.8	6.6	167	0	79.5	50 - 130				
Pentachlorophenol	107.1	6.6	167	0	64.1	23 - 136				
Phenanthrene	124.1	3.3	167	0	74.3	50 - 125				
Phenol	80.06	6.6	167	0	47.9	45 - 130				
Pyrene	130.1	3.3	167	0	77.9	45 - 130				
Surr: 2,4,6-Tribromophenol	126.3	0	167	0	75.6	36 - 126				
Surr: 2-Fluorobiphenyl	114	0	167	0	68.2	43 - 125				
Surr: 2-Fluorophenol	89.5	0	167	0	53.6	37 - 125				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-139896	Units: ug/Kg			Analysis Date: 17-Apr-2019 15:40					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042142		PrepDate: 16-Apr-2019		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual	
<i>Surr: 4-Terphenyl-d14</i>	140.5	0	167	0	84.2	32 - 125				
<i>Surr: Nitrobenzene-d5</i>	107.5	0	167	0	64.4	37 - 125				
<i>Surr: Phenol-d6</i>	95.99	0	167	0	57.5	40 - 125				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MS		Sample ID: HS19040940-01MS		Units: ug/Kg		Analysis Date: 17-Apr-2019 19:41				
Client ID:		Run ID: SV-6_336906		SeqNo: 5042350		PrepDate: 16-Apr-2019		DF: 10		
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
1,1'-Biphenyl	145.8	330	165.8	0	87.9	50 - 120			J	
2,4,5-Trichlorophenol	U	330	165.8	0	0	45 - 127			S	
2,4,6-Trichlorophenol	111.9	330	165.8	0	67.5	45 - 130			J	
2,4-Dichlorophenol	101	330	165.8	0	60.9	45 - 125			J	
2,4-Dimethylphenol	U	330	165.8	0	0	45 - 120			S	
2,4-Dinitrophenol	U	660	165.8	0	0	10 - 126			S	
2,4-Dinitrotoluene	88.81	330	165.8	0	53.6	50 - 130			J	
2,6-Dinitrotoluene	U	330	165.8	0	0	50 - 125			S	
2-Chloronaphthalene	118.6	330	165.8	0	71.5	50 - 145			J	
2-Chlorophenol	98.68	330	165.8	0	59.5	45 - 120			J	
2-Methylnaphthalene	133.5	160	165.8	0	80.5	50 - 120			J	
2-Methylphenol	206.7	330	165.8	0	125	45 - 120			JS	
2-Nitroaniline	134.2	330	165.8	0	80.9	45 - 138			J	
2-Nitrophenol	U	330	165.8	0	0	45 - 125			S	
3&4-Methylphenol	235.3	330	165.8	0	142	45 - 120			JS	
3,3'-Dichlorobenzidine	U	330	165.8	0	0	15 - 120			S	
3-Nitroaniline	U	330	165.8	0	0	40 - 120			S	
4,6-Dinitro-2-methylphenol	U	330	165.8	0	0	15 - 135			S	
4-Bromophenyl phenyl ether	150.5	330	165.8	0	90.8	50 - 125			J	
4-Chloro-3-methylphenol	121.7	330	165.8	0	73.4	45 - 130			J	
4-Chloroaniline	77.9	330	165.8	0	47.0	20 - 120			J	
4-Chlorophenyl phenyl ether	102.3	330	165.8	0	61.7	50 - 120			J	
4-Nitroaniline	U	330	165.8	0	0	50 - 127			S	
4-Nitrophenol	U	660	165.8	0	0	40 - 147			S	
Acenaphthene	113.5	160	165.8	0	68.5	50 - 120			J	
Acenaphthylene	122.1	160	165.8	0	73.7	50 - 120			J	
Acetophenone	141.6	330	165.8	0	85.4	50 - 120			J	
Anthracene	135.3	160	165.8	0	81.6	50 - 123			J	
Atrazine	214.5	330	165.8	0	129	29 - 148			J	
Benz(a)anthracene	184.7	160	165.8	0	111	50 - 131				
Benzaldehyde	68.55	330	165.8	0	41.3	22 - 129			J	
Benzo(a)pyrene	232.7	160	165.8	0	140	50 - 130			S	
Benzo(b)fluoranthene	255.2	160	165.8	0	154	50 - 137			S	
Benzo(g,h,i)perylene	242.1	160	165.8	0	146	50 - 130			S	

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MS	Sample ID: HS19040940-01MS	Units: ug/Kg			Analysis Date: 17-Apr-2019 19:41					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042350	PrepDate: 16-Apr-2019	DF: 10						
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	226.3	160	165.8	0	136	50 - 143				
Bis(2-chloroethoxy)methane	96.37	330	165.8	0	58.1	50 - 120				J
Bis(2-chloroethyl)ether	109.9	330	165.8	0	66.3	45 - 127				J
Bis(2-chloroisopropyl)ether	158.9	330	165.8	0	95.8	50 - 120				J
Bis(2-ethylhexyl)phthalate	123.7	330	165.8	0	74.6	21 - 148				J
Butyl benzyl phthalate	175.4	330	165.8	0	106	50 - 136				J
Caprolactam	105.6	330	165.8	0	63.7	50 - 135				J
Carbazole	U	330	165.8	0	0	50 - 143				S
Chrysene	265.6	160	165.8	0	160	50 - 130				S
Dibenz(a,h)anthracene	159.4	160	165.8	0	96.1	50 - 130				J
Dibenzofuran	108.3	160	165.8	0	65.3	50 - 125				J
Diethyl phthalate	105.4	330	165.8	0	63.6	50 - 125				J
Dimethyl phthalate	119.5	330	165.8	0	72.1	50 - 125				J
Di-n-butyl phthalate	139.3	330	165.8	0	84.0	50 - 140				J
Di-n-octyl phthalate	115.7	330	165.8	0	69.8	50 - 140				J
Fluoranthene	299	160	165.8	0	180	50 - 131				S
Fluorene	126.5	160	165.8	0	76.3	50 - 125				J
Hexachlorobenzene	151.3	330	165.8	0	91.2	50 - 124				J
Hexachlorobutadiene	207.7	330	165.8	0	125	50 - 125				JS
Hexachlorocyclopentadiene	60.48	330	165.8	0	36.5	45 - 135				JS
Hexachloroethane	156.8	330	165.8	0	94.6	45 - 125				J
Indeno(1,2,3-cd)pyrene	239.3	160	165.8	0	144	45 - 139				S
Isophorone	115.6	330	165.8	0	69.7	45 - 130				J
Naphthalene	128.4	160	165.8	0	77.4	50 - 125				J
Nitrobenzene	139.8	330	165.8	0	84.3	50 - 125				J
N-Nitrosodi-n-propylamine	129.1	330	165.8	0	77.9	45 - 120				J
N-Nitrosodiphenylamine	137.2	330	165.8	0	82.8	50 - 130				J
Pentachlorophenol	U	330	165.8	0	0	23 - 136				S
Phenanthrene	172.9	160	165.8	0	104	50 - 125				
Phenol	198.7	330	165.8	0	120	45 - 130				J
Pyrene	231.3	160	165.8	0	140	45 - 130				S
Surr: 2,4,6-Tribromophenol	117	0	165.8	0	70.6	36 - 126				
Surr: 2-Fluorobiphenyl	108.3	0	165.8	0	65.3	43 - 125				
Surr: 2-Fluorophenol	73.41	0	165.8	0	44.3	37 - 125				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MS	Sample ID: HS19040940-01MS	Units: ug/Kg			Analysis Date: 17-Apr-2019 19:41					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042350		PrepDate: 16-Apr-2019		DF: 10				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual	
<i>Surr: 4-Terphenyl-d14</i>	139.3	0	165.8	0	84.0	32 - 125				
<i>Surr: Nitrobenzene-d5</i>	103.5	0	165.8	0	62.4	37 - 125				
<i>Surr: Phenol-d6</i>	86.7	0	165.8	0	52.3	40 - 125				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D							
MSD	Sample ID: HS19040940-01MSD	Units: ug/Kg			Analysis Date: 17-Apr-2019 20:01						
Client ID:	Run ID: SV-6_336906	SeqNo: 5042351	PrepDate: 16-Apr-2019	DF: 10							
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,1'-Biphenyl	135.2	330	166.3	0	81.3	50 - 120	145.8	0	30	J	
2,4,5-Trichlorophenol	U	330	166.3	0	0	45 - 127	0	0	30	S	
2,4,6-Trichlorophenol	119.5	330	166.3	0	71.9	45 - 130	111.9	0	30	J	
2,4-Dichlorophenol	U	330	166.3	0	0	45 - 125	101	0	30	S	
2,4-Dimethylphenol	U	330	166.3	0	0	45 - 120	0	0	30	S	
2,4-Dinitrophenol	U	660	166.3	0	0	10 - 126	0	0	30	S	
2,4-Dinitrotoluene	101.2	330	166.3	0	60.9	50 - 130	88.81	0	30	J	
2,6-Dinitrotoluene	U	330	166.3	0	0	50 - 125	0	0	30	S	
2-Chloronaphthalene	88.88	330	166.3	0	53.5	50 - 145	118.6	0	30	J	
2-Chlorophenol	86.3	330	166.3	0	51.9	45 - 120	98.68	0	30	J	
2-Methylnaphthalene	119.9	160	166.3	0	72.1	50 - 120	133.5	0	30	J	
2-Methylphenol	99.76	330	166.3	0	60.0	45 - 120	206.7	0	30	J	
2-Nitroaniline	136.8	330	166.3	0	82.3	45 - 138	134.2	0	30	J	
2-Nitrophenol	U	330	166.3	0	0	45 - 125	0	0	30	S	
3&4-Methylphenol	160.9	330	166.3	0	96.7	45 - 120	235.3	0	30	J	
3,3'-Dichlorobenzidine	U	330	166.3	0	0	15 - 120	0	0	30	S	
3-Nitroaniline	U	330	166.3	0	0	40 - 120	0	0	30	S	
4,6-Dinitro-2-methylphenol	U	330	166.3	0	0	15 - 135	0	0	30	S	
4-Bromophenyl phenyl ether	146.3	330	166.3	0	88.0	50 - 125	150.5	0	30	J	
4-Chloro-3-methylphenol	124.6	330	166.3	0	75.0	45 - 130	121.7	0	30	J	
4-Chloroaniline	106.9	330	166.3	0	64.3	20 - 120	77.9	0	30	J	
4-Chlorophenyl phenyl ether	148.3	330	166.3	0	89.2	50 - 120	102.3	0	30	J	
4-Nitroaniline	111.9	330	166.3	0	67.3	50 - 127	0	0	30	J	
4-Nitrophenol	U	660	166.3	0	0	40 - 147	0	0	30	S	
Acenaphthene	112.9	160	166.3	0	67.9	50 - 120	113.5	0	30	J	
Acenaphthylene	120.2	160	166.3	0	72.3	50 - 120	122.1	0	30	J	
Acetophenone	136.3	330	166.3	0	82.0	50 - 120	141.6	0	30	J	
Anthracene	127.8	160	166.3	0	76.9	50 - 123	135.3	0	30	J	
Atrazine	181.4	330	166.3	0	109	29 - 148	214.5	0	30	J	
Benz(a)anthracene	243.5	160	166.3	0	146	50 - 131	184.7	27.5	30	S	
Benzaldehyde	U	330	166.3	0	0	22 - 129	68.55	0	30	S	
Benzo(a)pyrene	221.3	160	166.3	0	133	50 - 130	232.7	5.06	30	S	
Benzo(b)fluoranthene	220.3	160	166.3	0	133	50 - 137	255.2	14.7	30		
Benzo(g,h,i)perylene	271.7	160	166.3	0	163	50 - 130	242.1	11.5	30	S	

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0)		Instrument: SV-6		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MSD	Sample ID: HS19040940-01MSD	Units: ug/Kg			Analysis Date: 17-Apr-2019 20:01					
Client ID:	Run ID: SV-6_336906	SeqNo: 5042351	PrepDate: 16-Apr-2019	DF: 10						
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	222.7	160	166.3	0	134	50 - 143	226.3	1.58	30	
Bis(2-chloroethoxy)methane	80.72	330	166.3	0	48.5	50 - 120	96.37	0	30	JS
Bis(2-chloroethyl)ether	122.5	330	166.3	0	73.7	45 - 127	109.9	0	30	J
Bis(2-chloroisopropyl)ether	139.9	330	166.3	0	84.1	50 - 120	158.9	0	30	J
Bis(2-ethylhexyl)phthalate	182.9	330	166.3	0	110	21 - 148	123.7	0	30	J
Butyl benzyl phthalate	135.5	330	166.3	0	81.5	50 - 136	175.4	0	30	J
Caprolactam	98.19	330	166.3	0	59.0	50 - 135	105.6	0	30	J
Carbazole	U	330	166.3	0	0	50 - 143	0	0	30	S
Chrysene	269.1	160	166.3	0	162	50 - 130	265.6	1.29	30	S
Dibenz(a,h)anthracene	162.6	160	166.3	0	97.8	50 - 130	159.4	0	30	J
Dibenzofuran	129.9	160	166.3	0	78.1	50 - 125	108.3	0	30	J
Diethyl phthalate	95.55	330	166.3	0	57.5	50 - 125	105.4	0	30	J
Dimethyl phthalate	105	330	166.3	0	63.1	50 - 125	119.5	0	30	J
Di-n-butyl phthalate	119.4	330	166.3	0	71.8	50 - 140	139.3	0	30	J
Di-n-octyl phthalate	120.4	330	166.3	0	72.4	50 - 140	115.7	0	30	J
Fluoranthene	285.7	160	166.3	0	172	50 - 131	299	4.57	30	S
Fluorene	130.7	160	166.3	0	78.6	50 - 125	126.5	0	30	J
Hexachlorobenzene	192.6	330	166.3	0	116	50 - 124	151.3	0	30	J
Hexachlorobutadiene	175.8	330	166.3	0	106	50 - 125	207.7	0	30	J
Hexachlorocyclopentadiene	63.22	330	166.3	0	38.0	45 - 135	60.48	0	30	JS
Hexachloroethane	130.2	330	166.3	0	78.3	45 - 125	156.8	0	30	J
Indeno(1,2,3-cd)pyrene	224.5	160	166.3	0	135	45 - 139	239.3	6.35	30	
Isophorone	97.7	330	166.3	0	58.8	45 - 130	115.6	0	30	J
Naphthalene	117.2	160	166.3	0	70.5	50 - 125	128.4	0	30	J
Nitrobenzene	158.3	330	166.3	0	95.2	50 - 125	139.8	0	30	J
N-Nitrosodi-n-propylamine	148.8	330	166.3	0	89.5	45 - 120	129.1	0	30	J
N-Nitrosodiphenylamine	149.7	330	166.3	0	90.0	50 - 130	137.2	0	30	J
Pentachlorophenol	U	330	166.3	0	0	23 - 136	0	0	30	S
Phenanthrene	180	160	166.3	0	108	50 - 125	172.9	4.02	30	
Phenol	113	330	166.3	0	68.0	45 - 130	198.7	0	30	J
Pyrene	277.3	160	166.3	0	167	45 - 130	231.3	18.1	30	S
Surr: 2,4,6-Tribromophenol	72.07	0	166.3	0	43.3	36 - 126	117	47.6	30	R
Surr: 2-Fluorobiphenyl	117.8	0	166.3	0	70.8	43 - 125	108.3	8.43	30	
Surr: 2-Fluorophenol	91.32	0	166.3	0	54.9	37 - 125	73.41	21.7	30	

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: 139896 (0) **Instrument:** SV-6 **Method:** LOW-LEVEL SEMIVOLATILES BY 8270D

MSD		Sample ID: HS19040940-01MSD		Units: ug/Kg		Analysis Date: 17-Apr-2019 20:01			
Client ID:		Run ID: SV-6_336906		SeqNo: 5042351		PrepDate: 16-Apr-2019		DF: 10	
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
<i>Surr: 4-Terphenyl-d14</i>	146.3	0	166.3	0	88.0	32 - 125	139.3	4.92	30
<i>Surr: Nitrobenzene-d5</i>	118.7	0	166.3	0	71.4	37 - 125	103.5	13.7	30
<i>Surr: Phenol-d6</i>	85.77	0	166.3	0	51.6	40 - 125	86.7	1.07	30

The following samples were analyzed in this batch:

HS19040940-01	HS19040940-02	HS19040940-03	HS19040940-04
HS19040940-05	HS19040940-06	HS19040940-07	HS19040940-08
HS19040940-09	HS19040940-10	HS19040940-11	HS19040940-12
HS19040940-13	HS19040940-14		

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKS1-041819	Units: ug/Kg			Analysis Date: 18-Apr-2019 10:20					
Client ID:	Run ID: VOA5_336836	SeqNo: 5040563	PrepDate:	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	20								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	5.0								
Ethylbenzene	U	5.0								

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKS1-041819	Units: ug/Kg			Analysis Date: 18-Apr-2019 10:20					
Client ID:	Run ID: VOA5_336836	SeqNo: 5040563		PrepDate:		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl acetate	U	5.0								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	5.0								
Methylene chloride	U	10								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Trichlorofluoromethane	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	5.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>47.58</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>95.2</i>	<i>76 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.4</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>98.8</i>	<i>80 - 120</i>				
<i>Surr: Dibromofluoromethane</i>	<i>46.63</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>93.3</i>	<i>80 - 119</i>				
<i>Surr: Toluene-d8</i>	<i>49.08</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>98.2</i>	<i>81 - 118</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
LCS	Sample ID: VLCSS1-041819	Units: ug/Kg			Analysis Date: 18-Apr-2019 09:30					
Client ID:	Run ID: VOA5_336836	SeqNo: 5040562	PrepDate:	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.23	5.0	50	0	102	72 - 130				
1,1,2,2-Tetrachloroethane	49.71	5.0	50	0	99.4	71 - 124				
1,1,2-Trichlor-1,2,2-trifluoroethane	54.02	5.0	50	0	108	70 - 130				
1,1,2-Trichloroethane	48.81	5.0	50	0	97.6	78 - 117				
1,1-Dichloroethane	50.54	5.0	50	0	101	76 - 128				
1,1-Dichloroethene	51.02	5.0	50	0	102	72 - 130				
1,2,4-Trichlorobenzene	57.73	5.0	50	0	115	70 - 128				
1,2-Dibromo-3-chloropropane	55.73	5.0	50	0	111	70 - 128				
1,2-Dibromoethane	49.45	5.0	50	0	98.9	78 - 120				
1,2-Dichlorobenzene	51.4	5.0	50	0	103	79 - 121				
1,2-Dichloroethane	48.32	5.0	50	0	96.6	77 - 120				
1,2-Dichloropropane	51.02	5.0	50	0	102	77 - 121				
1,3-Dichlorobenzene	51.61	5.0	50	0	103	78 - 121				
1,4-Dichlorobenzene	51.21	5.0	50	0	102	78 - 120				
2-Butanone	92.77	10	100	0	92.8	70 - 128				
2-Hexanone	99.15	10	100	0	99.2	72 - 127				
4-Methyl-2-pentanone	105.4	10	100	0	105	70 - 128				
Acetone	105	20	100	0	105	70 - 130				
Benzene	51.32	5.0	50	0	103	75 - 124				
Bromodichloromethane	57.66	5.0	50	0	115	78 - 122				
Bromoform	47.43	5.0	50	0	94.9	74 - 120				
Bromomethane	51.58	10	50	0	103	70 - 130				
Carbon disulfide	92.19	10	100	0	92.2	70 - 122				
Carbon tetrachloride	50.28	5.0	50	0	101	72 - 128				
Chlorobenzene	51.21	5.0	50	0	102	78 - 122				
Chloroethane	54.27	10	50	0	109	70 - 130				
Chloroform	51.82	5.0	50	0	104	73 - 127				
Chloromethane	53.83	10	50	0	108	70 - 130				
cis-1,2-Dichloroethene	49.57	5.0	50	0	99.1	77 - 125				
cis-1,3-Dichloropropene	51.98	5.0	50	0	104	78 - 122				
Cyclohexane	57.04	5.0	50	0	114	74 - 126				
Dibromochloromethane	47	5.0	50	0	94.0	78 - 120				
Dichlorodifluoromethane	61.42	5.0	50	0	123	70 - 130				
Ethylbenzene	52.75	5.0	50	0	105	70 - 123				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
LCS	Sample ID: VLCSS1-041819	Units: ug/Kg			Analysis Date: 18-Apr-2019 09:30					
Client ID:	Run ID: VOA5_336836	SeqNo: 5040562		PrepDate:		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	52.81	5.0	50	0	106	78 - 127				
m,p-Xylene	104.6	10	100	0	105	77 - 125				
Methyl acetate	54.27	5.0	50	0	109	69 - 123				
Methyl tert-butyl ether	50.71	5.0	50	0	101	70 - 128				
Methylcyclohexane	57.72	5.0	50	0	115	77 - 127				
Methylene chloride	48.94	10	50	0	97.9	71 - 125				
o-Xylene	51.86	5.0	50	0	104	78 - 122				
Styrene	52.99	5.0	50	0	106	80 - 123				
Tetrachloroethene	52.83	5.0	50	0	106	70 - 130				
Toluene	51.87	5.0	50	0	104	76 - 122				
trans-1,2-Dichloroethene	50.7	5.0	50	0	101	75 - 128				
trans-1,3-Dichloropropene	51.98	5.0	50	0	104	75 - 123				
Trichloroethene	52.6	5.0	50	0	105	78 - 125				
Trichlorofluoromethane	56.4	5.0	50	0	113	70 - 130				
Vinyl chloride	56.84	2.0	50	0	114	70 - 130				
Xylenes, Total	156.4	5.0	150	0	104	77 - 128				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>48.35</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>96.7</i>	<i>76 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.65</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.3</i>	<i>80 - 120</i>				
<i>Surr: Dibromofluoromethane</i>	<i>47.79</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>95.6</i>	<i>80 - 119</i>				
<i>Surr: Toluene-d8</i>	<i>49.89</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.8</i>	<i>81 - 118</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MS	Sample ID: HS19040950-09MS	Units: ug/Kg			Analysis Date: 18-Apr-2019 14:53					
Client ID:	Run ID: VOA5_336836	SeqNo: 5041284	PrepDate:	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.82	5.0	50	0	91.6	70 - 130				
1,1,2,2-Tetrachloroethane	44.45	5.0	50	0	88.9	70 - 130				
1,1,2-Trichlor-1,2,2-trifluoroethane	46.72	5.0	50	0	93.4	70 - 130				
1,1,2-Trichloroethane	45.29	5.0	50	0	90.6	70 - 130				
1,1-Dichloroethane	46.55	5.0	50	0	93.1	70 - 130				
1,1-Dichloroethene	46.03	5.0	50	0	92.1	70 - 130				
1,2,4-Trichlorobenzene	51.11	5.0	50	0	102	70 - 130				
1,2-Dibromo-3-chloropropane	52.34	5.0	50	0	105	70 - 130				
1,2-Dibromoethane	45.38	5.0	50	0	90.8	70 - 120				
1,2-Dichlorobenzene	45.93	5.0	50	0	91.9	70 - 130				
1,2-Dichloroethane	45.63	5.0	50	0	91.3	70 - 130				
1,2-Dichloropropane	46.88	5.0	50	0	93.8	70 - 130				
1,3-Dichlorobenzene	45.7	5.0	50	0	91.4	70 - 130				
1,4-Dichlorobenzene	45.53	5.0	50	0	91.1	70 - 130				
2-Butanone	80.4	10	100	0	80.4	70 - 130				
2-Hexanone	86.58	10	100	0	86.6	70 - 130				
4-Methyl-2-pentanone	92.02	10	100	0	92.0	70 - 128				
Acetone	95.84	20	100	0	95.8	70 - 130				
Benzene	46.35	5.0	50	0	92.7	70 - 130				
Bromodichloromethane	52.03	5.0	50	0	104	70 - 130				
Bromoform	45.94	5.0	50	0	91.9	70 - 130				
Bromomethane	53.34	10	50	0	107	70 - 130				
Carbon disulfide	83.93	10	100	0	83.9	70 - 130				
Carbon tetrachloride	46.24	5.0	50	0	92.5	70 - 130				
Chlorobenzene	45.88	5.0	50	0	91.8	70 - 130				
Chloroethane	49.43	10	50	0	98.9	70 - 130				
Chloroform	47.38	5.0	50	0	94.8	70 - 130				
Chloromethane	48.15	10	50	0	96.3	70 - 130				
cis-1,2-Dichloroethene	45.54	5.0	50	0	91.1	70 - 130				
cis-1,3-Dichloropropene	46.94	5.0	50	0	93.9	70 - 130				
Cyclohexane	50.09	5.0	50	0	100	74 - 126				
Dibromochloromethane	45.1	5.0	50	0	90.2	70 - 130				
Dichlorodifluoromethane	56.18	5.0	50	0	112	70 - 130				
Ethylbenzene	45.72	5.0	50	0	91.4	70 - 130				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MS	Sample ID: HS19040950-09MS	Units: ug/Kg			Analysis Date: 18-Apr-2019 14:53					
Client ID:	Run ID: VOA5_336836	SeqNo: 5041284		PrepDate:			DF: 1			
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	46.56	5.0	50	0	93.1	70 - 130				
m,p-Xylene	93.26	10	100	0	93.3	70 - 130				
Methyl acetate	40.97	5.0	50	0	81.9	69 - 123				
Methyl tert-butyl ether	46.28	5.0	50	0	92.6	70 - 130				
Methylcyclohexane	52.08	5.0	50	0	104	77 - 127				
Methylene chloride	51.44	10	50	0	103	70 - 130				
o-Xylene	47.59	5.0	50	0	95.2	70 - 130				
Styrene	47.73	5.0	50	0	95.5	70 - 130				
Tetrachloroethene	46.23	5.0	50	0	92.5	70 - 130				
Toluene	46.57	5.0	50	0	93.1	70 - 130				
trans-1,2-Dichloroethene	45.54	5.0	50	0	91.1	70 - 130				
trans-1,3-Dichloropropene	46.94	5.0	50	0	93.9	70 - 130				
Trichloroethene	45.62	5.0	50	0	91.2	70 - 130				
Trichlorofluoromethane	51.11	5.0	50	0	102	70 - 130				
Vinyl chloride	50.14	2.0	50	0	100	70 - 130				
Xylenes, Total	140.9	5.0	150	0	93.9	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>50.23</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.17</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>70 - 130</i>				
<i>Surr: Dibromofluoromethane</i>	<i>50.05</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>70 - 130</i>				
<i>Surr: Toluene-d8</i>	<i>49.97</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.9</i>	<i>70 - 130</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5			Method: VOLATILES BY SW8260C					
MSD	Sample ID: HS19040950-09MSD	Units: ug/Kg			Analysis Date: 18-Apr-2019 15:18					
Client ID:	Run ID: VOA5_336836	SeqNo: 5041285			PrepDate:		DF: 1			
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	46.76	4.9	49	0	95.4	70 - 130	45.82	2.02	30	
1,1,2,2-Tetrachloroethane	47.56	4.9	49	0	97.1	70 - 130	44.45	6.76	30	
1,1,2-Trichlor-1,2,2-trifluoroethane	47.02	4.9	49	0	95.9	70 - 130	46.72	0.623	30	
1,1,2-Trichloroethane	49.02	4.9	49	0	100	70 - 130	45.29	7.91	30	
1,1-Dichloroethane	47.49	4.9	49	0	96.9	70 - 130	46.55	2	30	
1,1-Dichloroethene	46.26	4.9	49	0	94.4	70 - 130	46.03	0.497	30	
1,2,4-Trichlorobenzene	54.33	4.9	49	0	111	70 - 130	51.11	6.1	30	
1,2-Dibromo-3-chloropropane	52.54	4.9	49	0	107	70 - 130	52.34	0.384	30	
1,2-Dibromoethane	48.08	4.9	49	0	98.1	70 - 120	45.38	5.78	30	
1,2-Dichlorobenzene	49.49	4.9	49	0	101	70 - 130	45.93	7.46	30	
1,2-Dichloroethane	47.53	4.9	49	0	97.0	70 - 130	45.63	4.07	30	
1,2-Dichloropropane	48.1	4.9	49	0	98.2	70 - 130	46.88	2.58	30	
1,3-Dichlorobenzene	48.99	4.9	49	0	100.0	70 - 130	45.7	6.95	30	
1,4-Dichlorobenzene	49.78	4.9	49	0	102	70 - 130	45.53	8.92	30	
2-Butanone	81.58	9.8	98	0	83.2	70 - 130	80.4	1.46	30	
2-Hexanone	91.58	9.8	98	0	93.4	70 - 130	86.58	5.61	30	
4-Methyl-2-pentanone	100.2	9.8	98	0	102	70 - 128	92.02	8.55	30	
Acetone	103	20	98	0	105	70 - 130	95.84	7.16	30	
Benzene	47.98	4.9	49	0	97.9	70 - 130	46.35	3.44	30	
Bromodichloromethane	52.15	4.9	49	0	106	70 - 130	52.03	0.236	30	
Bromoform	46.83	4.9	49	0	95.6	70 - 130	45.94	1.93	30	
Bromomethane	51.71	9.8	49	0	106	70 - 130	53.34	3.11	30	
Carbon disulfide	85.22	9.8	98	0	87.0	70 - 130	83.93	1.54	30	
Carbon tetrachloride	46.86	4.9	49	0	95.6	70 - 130	46.24	1.34	30	
Chlorobenzene	48.27	4.9	49	0	98.5	70 - 130	45.88	5.07	30	
Chloroethane	50.14	9.8	49	0	102	70 - 130	49.43	1.43	30	
Chloroform	48.34	4.9	49	0	98.7	70 - 130	47.38	2.01	30	
Chloromethane	47.9	9.8	49	0	97.7	70 - 130	48.15	0.527	30	
cis-1,2-Dichloroethene	46.91	4.9	49	0	95.7	70 - 130	45.54	2.96	30	
cis-1,3-Dichloropropene	50.32	4.9	49	0	103	70 - 130	46.94	6.96	30	
Cyclohexane	50.35	4.9	49	0	103	74 - 126	50.09	0.521	30	
Dibromochloromethane	47.59	4.9	49	0	97.1	70 - 130	45.1	5.38	30	
Dichlorodifluoromethane	55.34	4.9	49	0	113	70 - 130	56.18	1.5	30	
Ethylbenzene	48.46	4.9	49	0	98.9	70 - 130	45.72	5.81	30	

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336836 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MSD	Sample ID: HS19040950-09MSD	Units: ug/Kg			Analysis Date: 18-Apr-2019 15:18					
Client ID:	Run ID: VOA5_336836	SeqNo: 5041285		PrepDate:		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	49.02	4.9	49	0	100	70 - 130	46.56	5.16	30	
m,p-Xylene	97.48	9.8	98	0	99.5	70 - 130	93.26	4.43	30	
Methyl acetate	42.45	4.9	49	0	86.6	69 - 123	40.97	3.55	30	
Methyl tert-butyl ether	47.47	4.9	49	0	96.9	70 - 130	46.28	2.52	30	
Methylcyclohexane	52.2	4.9	49	0	107	77 - 127	52.08	0.236	30	
Methylene chloride	52.44	9.8	49	0	107	70 - 130	51.44	1.94	30	
o-Xylene	49.38	4.9	49	0	101	70 - 130	47.59	3.69	30	
Styrene	50.38	4.9	49	0	103	70 - 130	47.73	5.39	30	
Tetrachloroethene	48.49	4.9	49	0	99.0	70 - 130	46.23	4.77	30	
Toluene	48.59	4.9	49	0	99.2	70 - 130	46.57	4.24	30	
trans-1,2-Dichloroethene	45.76	4.9	49	0	93.4	70 - 130	45.54	0.498	30	
trans-1,3-Dichloropropene	50.32	4.9	49	0	103	70 - 130	46.94	6.96	30	
Trichloroethene	47.14	4.9	49	0	96.2	70 - 130	45.62	3.28	30	
Trichlorofluoromethane	52.41	4.9	49	0	107	70 - 130	51.11	2.51	30	
Vinyl chloride	49.83	2.0	49	0	102	70 - 130	50.14	0.619	30	
Xylenes, Total	146.9	4.9	147	0	99.9	70 - 130	140.9	4.18	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	47.76	0	49	0	97.5	70 - 126	50.23	5.03	30	
<i>Surr: 4-Bromofluorobenzene</i>	49	0	49	0	100	70 - 130	50.17	2.36	30	
<i>Surr: Dibromofluoromethane</i>	46.76	0	49	0	95.4	70 - 130	50.05	6.8	30	
<i>Surr: Toluene-d8</i>	48.58	0	49	0	99.1	70 - 130	49.97	2.83	30	

The following samples were analyzed in this batch:

HS19040940-01	HS19040940-02	HS19040940-03	HS19040940-04
HS19040940-05	HS19040940-06	HS19040940-07	HS19040940-08
HS19040940-09	HS19040940-10		

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKS1-041919	Units: ug/Kg			Analysis Date: 19-Apr-2019 09:34					
Client ID:	Run ID: VOA5_336904	SeqNo: 5041993	PrepDate:	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	20								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	5.0								
Ethylbenzene	U	5.0								

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKS1-041919	Units: ug/Kg			Analysis Date: 19-Apr-2019 09:34					
Client ID:	Run ID: VOA5_336904	SeqNo: 5041993		PrepDate:		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl acetate	U	5.0								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	5.0								
Methylene chloride	U	10								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Trichlorofluoromethane	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	5.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>45.91</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>91.8</i>	<i>76 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.13</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>98.3</i>	<i>80 - 120</i>				
<i>Surr: Dibromofluoromethane</i>	<i>45.69</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>91.4</i>	<i>80 - 119</i>				
<i>Surr: Toluene-d8</i>	<i>49.82</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.6</i>	<i>81 - 118</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5			Method: VOLATILES BY SW8260C					
LCS	Sample ID: VLCSS1-041919	Units: ug/Kg			Analysis Date: 19-Apr-2019 08:45					
Client ID:	Run ID: VOA5_336904	SeqNo: 5041992			PrepDate:		DF: 1			
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.14	5.0	50	0	106	72 - 130				
1,1,2,2-Tetrachloroethane	53.04	5.0	50	0	106	71 - 124				
1,1,2-Trichlor-1,2,2-trifluoroethane	52.94	5.0	50	0	106	70 - 130				
1,1,2-Trichloroethane	51.56	5.0	50	0	103	78 - 117				
1,1-Dichloroethane	50.21	5.0	50	0	100	76 - 128				
1,1-Dichloroethene	52.22	5.0	50	0	104	72 - 130				
1,2,4-Trichlorobenzene	56.82	5.0	50	0	114	70 - 128				
1,2-Dibromo-3-chloropropane	55.46	5.0	50	0	111	70 - 128				
1,2-Dibromoethane	51.65	5.0	50	0	103	78 - 120				
1,2-Dichlorobenzene	52.75	5.0	50	0	106	79 - 121				
1,2-Dichloroethane	52.04	5.0	50	0	104	77 - 120				
1,2-Dichloropropane	50.36	5.0	50	0	101	77 - 121				
1,3-Dichlorobenzene	52	5.0	50	0	104	78 - 121				
1,4-Dichlorobenzene	51.66	5.0	50	0	103	78 - 120				
2-Butanone	96.48	10	100	0	96.5	70 - 128				
2-Hexanone	103.1	10	100	0	103	72 - 127				
4-Methyl-2-pentanone	111.7	10	100	0	112	70 - 128				
Acetone	113.9	20	100	0	114	70 - 130				
Benzene	51.41	5.0	50	0	103	75 - 124				
Bromodichloromethane	56.97	5.0	50	0	114	78 - 122				
Bromoform	52.72	5.0	50	0	105	74 - 120				
Bromomethane	58.85	10	50	0	118	70 - 130				
Carbon disulfide	95.76	10	100	0	95.8	70 - 122				
Carbon tetrachloride	54.27	5.0	50	0	109	72 - 128				
Chlorobenzene	51.55	5.0	50	0	103	78 - 122				
Chloroethane	53.74	10	50	0	107	70 - 130				
Chloroform	52.07	5.0	50	0	104	73 - 127				
Chloromethane	54.45	10	50	0	109	70 - 130				
cis-1,2-Dichloroethene	49.44	5.0	50	0	98.9	77 - 125				
cis-1,3-Dichloropropene	53.09	5.0	50	0	106	78 - 122				
Cyclohexane	56.18	5.0	50	0	112	74 - 126				
Dibromochloromethane	50.86	5.0	50	0	102	78 - 120				
Dichlorodifluoromethane	57.79	5.0	50	0	116	70 - 130				
Ethylbenzene	52.51	5.0	50	0	105	70 - 123				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
LCS	Sample ID: VLCSS1-041919	Units: ug/Kg			Analysis Date: 19-Apr-2019 08:45					
Client ID:	Run ID: VOA5_336904	SeqNo: 5041992	PrepDate:	DF: 1						
Analyte	Result	SQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	53.9	5.0	50	0	108	78 - 127				
m,p-Xylene	105.4	10	100	0	105	77 - 125				
Methyl acetate	49.28	5.0	50	0	98.6	69 - 123				
Methyl tert-butyl ether	51.82	5.0	50	0	104	70 - 128				
Methylcyclohexane	57.03	5.0	50	0	114	77 - 127				
Methylene chloride	50.69	10	50	0	101	71 - 125				
o-Xylene	51.95	5.0	50	0	104	78 - 122				
Styrene	54.03	5.0	50	0	108	80 - 123				
Tetrachloroethene	52.98	5.0	50	0	106	70 - 130				
Toluene	51.65	5.0	50	0	103	76 - 122				
trans-1,2-Dichloroethene	51.82	5.0	50	0	104	75 - 128				
trans-1,3-Dichloropropene	53.09	5.0	50	0	106	75 - 123				
Trichloroethene	51.56	5.0	50	0	103	78 - 125				
Trichlorofluoromethane	58.4	5.0	50	0	117	70 - 130				
Vinyl chloride	55.83	2.0	50	0	112	70 - 130				
Xylenes, Total	157.3	5.0	150	0	105	77 - 128				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>49.59</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.2</i>	<i>76 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.26</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>80 - 120</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.88</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>97.8</i>	<i>80 - 119</i>				
<i>Surr: Toluene-d8</i>	<i>50.19</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>81 - 118</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MS	Sample ID: HS19041043-01MS	Units: ug/Kg			Analysis Date: 19-Apr-2019 12:03					
Client ID:	Run ID: VOA5_336904	SeqNo: 5042576	PrepDate:	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	55.78	5.0	49.5	0	113	70 - 130				
1,1,2,2-Tetrachloroethane	53.14	5.0	49.5	0	107	70 - 130				
1,1,2-Trichlor-1,2,2-trifluoroethane	56.91	5.0	49.5	0	115	70 - 130				
1,1,2-Trichloroethane	54.05	5.0	49.5	0	109	70 - 130				
1,1-Dichloroethane	54.17	5.0	49.5	0	109	70 - 130				
1,1-Dichloroethene	54.11	5.0	49.5	0	109	70 - 130				
1,2,4-Trichlorobenzene	62.48	5.0	49.5	0	126	70 - 130				
1,2-Dibromo-3-chloropropane	62.42	5.0	49.5	0	126	70 - 130				
1,2-Dibromoethane	53.18	5.0	49.5	0	107	70 - 120				
1,2-Dichlorobenzene	55.28	5.0	49.5	0	112	70 - 130				
1,2-Dichloroethane	54.51	5.0	49.5	0	110	70 - 130				
1,2-Dichloropropane	54.39	5.0	49.5	0	110	70 - 130				
1,3-Dichlorobenzene	55.88	5.0	49.5	0	113	70 - 130				
1,4-Dichlorobenzene	55.4	5.0	49.5	0	112	70 - 130				
2-Butanone	88.72	9.9	99	0	89.6	70 - 130				
2-Hexanone	96.05	9.9	99	0	97.0	70 - 130				
4-Methyl-2-pentanone	109.7	9.9	99	0	111	70 - 128				
Acetone	109	20	99	0	110	70 - 130				
Benzene	54.88	5.0	49.5	0	111	70 - 130				
Bromodichloromethane	61.48	5.0	49.5	0	124	70 - 130				
Bromoform	55.11	5.0	49.5	0	111	70 - 130				
Bromomethane	58.15	9.9	49.5	0	117	70 - 130				
Carbon disulfide	99.9	9.9	99	0	101	70 - 130				
Carbon tetrachloride	57.27	5.0	49.5	0	116	70 - 130				
Chlorobenzene	56.15	5.0	49.5	0	113	70 - 130				
Chloroethane	55.89	9.9	49.5	0	113	70 - 130				
Chloroform	56.29	5.0	49.5	0	114	70 - 130				
Chloromethane	55.52	9.9	49.5	0	112	70 - 130				
cis-1,2-Dichloroethene	53.03	5.0	49.5	0	107	70 - 130				
cis-1,3-Dichloropropene	55.86	5.0	49.5	0	113	70 - 130				
Cyclohexane	58.86	5.0	49.5	0	119	74 - 126				
Dibromochloromethane	54.78	5.0	49.5	0	111	70 - 130				
Dichlorodifluoromethane	64.65	5.0	49.5	0	131	70 - 130				S
Ethylbenzene	56.78	5.0	49.5	0	115	70 - 130				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MS	Sample ID: HS19041043-01MS	Units: ug/Kg			Analysis Date: 19-Apr-2019 12:03					
Client ID:	Run ID: VOA5_336904	SeqNo: 5042576		PrepDate:		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	57.96	5.0	49.5	0	117	70 - 130				
m,p-Xylene	111.8	9.9	99	0	113	70 - 130				
Methyl acetate	45.66	5.0	49.5	0	92.3	69 - 123				
Methyl tert-butyl ether	51.7	5.0	49.5	0	104	70 - 130				
Methylcyclohexane	61.54	5.0	49.5	0	124	77 - 127				
Methylene chloride	54.29	9.9	49.5	0	110	70 - 130				
o-Xylene	57.58	5.0	49.5	0	116	70 - 130				
Styrene	57.7	5.0	49.5	0	117	70 - 130				
Tetrachloroethene	57.43	5.0	49.5	0	116	70 - 130				
Toluene	55.51	5.0	49.5	0	112	70 - 130				
trans-1,2-Dichloroethene	52.76	5.0	49.5	0	107	70 - 130				
trans-1,3-Dichloropropene	55.86	5.0	49.5	0	113	70 - 130				
Trichloroethene	53.71	5.0	49.5	0	109	70 - 130				
Trichlorofluoromethane	60.6	5.0	49.5	0	122	70 - 130				
Vinyl chloride	57.38	2.0	49.5	0	116	70 - 130				
Xylenes, Total	169.4	5.0	148.5	0	114	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>47.86</i>	<i>0</i>	<i>49.5</i>	<i>0</i>	<i>96.7</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.23</i>	<i>0</i>	<i>49.5</i>	<i>0</i>	<i>101</i>	<i>70 - 130</i>				
<i>Surr: Dibromofluoromethane</i>	<i>46.8</i>	<i>0</i>	<i>49.5</i>	<i>0</i>	<i>94.5</i>	<i>70 - 130</i>				
<i>Surr: Toluene-d8</i>	<i>49.59</i>	<i>0</i>	<i>49.5</i>	<i>0</i>	<i>100</i>	<i>70 - 130</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5			Method: VOLATILES BY SW8260C					
MSD	Sample ID: HS19041043-01MSD	Units: ug/Kg			Analysis Date: 19-Apr-2019 12:28					
Client ID:	Run ID: VOA5_336904	SeqNo: 5042577			PrepDate:		DF: 1			
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	49.11	5.0	50	0	98.2	70 - 130	55.78	12.7	30	
1,1,2,2-Tetrachloroethane	45.95	5.0	50	0	91.9	70 - 130	53.14	14.5	30	
1,1,2-Trichlor-1,2,2-trifluoroethane	47.88	5.0	50	0	95.8	70 - 130	56.91	17.2	30	
1,1,2-Trichloroethane	48.45	5.0	50	0	96.9	70 - 130	54.05	10.9	30	
1,1-Dichloroethane	48.12	5.0	50	0	96.2	70 - 130	54.17	11.8	30	
1,1-Dichloroethene	47.19	5.0	50	0	94.4	70 - 130	54.11	13.7	30	
1,2,4-Trichlorobenzene	54.95	5.0	50	0	110	70 - 130	62.48	12.8	30	
1,2-Dibromo-3-chloropropane	54.87	5.0	50	0	110	70 - 130	62.42	12.9	30	
1,2-Dibromoethane	48.6	5.0	50	0	97.2	70 - 120	53.18	9	30	
1,2-Dichlorobenzene	50.53	5.0	50	0	101	70 - 130	55.28	8.97	30	
1,2-Dichloroethane	48.5	5.0	50	0	97.0	70 - 130	54.51	11.7	30	
1,2-Dichloropropane	48.5	5.0	50	0	97.0	70 - 130	54.39	11.5	30	
1,3-Dichlorobenzene	49.98	5.0	50	0	100.0	70 - 130	55.88	11.1	30	
1,4-Dichlorobenzene	49.71	5.0	50	0	99.4	70 - 130	55.4	10.8	30	
2-Butanone	81.19	10	100	0	81.2	70 - 130	88.72	8.87	30	
2-Hexanone	87.95	10	100	0	87.9	70 - 130	96.05	8.81	30	
4-Methyl-2-pentanone	99.36	10	100	0	99.4	70 - 128	109.7	9.9	30	
Acetone	98.12	20	100	0	98.1	70 - 130	109	10.5	30	
Benzene	48.33	5.0	50	0	96.7	70 - 130	54.88	12.7	30	
Bromodichloromethane	53.65	5.0	50	0	107	70 - 130	61.48	13.6	30	
Bromoform	49.76	5.0	50	0	99.5	70 - 130	55.11	10.2	30	
Bromomethane	52.96	10	50	0	106	70 - 130	58.15	9.35	30	
Carbon disulfide	87.92	10	100	0	87.9	70 - 130	99.9	12.8	30	
Carbon tetrachloride	49.25	5.0	50	0	98.5	70 - 130	57.27	15.1	30	
Chlorobenzene	48.75	5.0	50	0	97.5	70 - 130	56.15	14.1	30	
Chloroethane	50.32	10	50	0	101	70 - 130	55.89	10.5	30	
Chloroform	50.28	5.0	50	0	101	70 - 130	56.29	11.3	30	
Chloromethane	50.32	10	50	0	101	70 - 130	55.52	9.83	30	
cis-1,2-Dichloroethene	47.42	5.0	50	0	94.8	70 - 130	53.03	11.2	30	
cis-1,3-Dichloropropene	50.46	5.0	50	0	101	70 - 130	55.86	10.2	30	
Cyclohexane	51.42	5.0	50	0	103	74 - 126	58.86	13.5	30	
Dibromochloromethane	47.66	5.0	50	0	95.3	70 - 130	54.78	13.9	30	
Dichlorodifluoromethane	53.31	5.0	50	0	107	70 - 130	64.65	19.2	30	
Ethylbenzene	49.12	5.0	50	0	98.2	70 - 130	56.78	14.5	30	

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336904 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C						
MSD	Sample ID: HS19041043-01MSD	Units: ug/Kg			Analysis Date: 19-Apr-2019 12:28					
Client ID:	Run ID: VOA5_336904	SeqNo: 5042577	PrepDate:	DF: 1						
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	49.61	5.0	50	0	99.2	70 - 130	57.96	15.5	30	
m,p-Xylene	100	10	100	0	100	70 - 130	111.8	11.1	30	
Methyl acetate	43.89	5.0	50	0	87.8	69 - 123	45.66	3.97	30	
Methyl tert-butyl ether	47.72	5.0	50	0	95.4	70 - 130	51.7	8	30	
Methylcyclohexane	53.7	5.0	50	0	107	77 - 127	61.54	13.6	30	
Methylene chloride	47.69	10	50	0	95.4	70 - 130	54.29	12.9	30	
o-Xylene	50.38	5.0	50	0	101	70 - 130	57.58	13.3	30	
Styrene	50.4	5.0	50	0	101	70 - 130	57.7	13.5	30	
Tetrachloroethene	48.14	5.0	50	0	96.3	70 - 130	57.43	17.6	30	
Toluene	48.3	5.0	50	0	96.6	70 - 130	55.51	13.9	30	
trans-1,2-Dichloroethene	48.11	5.0	50	0	96.2	70 - 130	52.76	9.2	30	
trans-1,3-Dichloropropene	50.46	5.0	50	0	101	70 - 130	55.86	10.2	30	
Trichloroethene	49.1	5.0	50	0	98.2	70 - 130	53.71	8.97	30	
Trichlorofluoromethane	53.26	5.0	50	0	107	70 - 130	60.6	12.9	30	
Vinyl chloride	51	2.0	50	0	102	70 - 130	57.38	11.8	30	
Xylenes, Total	150.4	5.0	150	0	100	70 - 130	169.4	11.9	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	48.94	0	50	0	97.9	70 - 126	47.86	2.22	30	
<i>Surr: 4-Bromofluorobenzene</i>	49.35	0	50	0	98.7	70 - 130	50.23	1.76	30	
<i>Surr: Dibromofluoromethane</i>	48.85	0	50	0	97.7	70 - 130	46.8	4.3	30	
<i>Surr: Toluene-d8</i>	49.98	0	50	0	100.0	70 - 130	49.59	0.783	30	

The following samples were analyzed in this batch: HS19040940-11 HS19040940-12 HS19040940-13 HS19040940-14

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4		Method: VOLATILES - SW8260C						
MBLK	Sample ID: VBLKW-190418	Units: ug/L			Analysis Date: 19-Apr-2019 03:06					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043017	PrepDate:	DF: 1						
Analyte	Result	SQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	5.0								
Ethylbenzene	U	5.0								

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4		Method: VOLATILES - SW8260C						
MBLK	Sample ID: VBLKW-190418	Units: ug/L			Analysis Date: 19-Apr-2019 03:06					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043017		PrepDate:		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl acetate	U	5.0								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	5.0								
Methylene chloride	U	10								
o-Xylene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Trichlorofluoromethane	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	5.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>49.76</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.5</i>	<i>70 - 130</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.38</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>98.8</i>	<i>82 - 115</i>				
<i>Surr: Dibromofluoromethane</i>	<i>47.97</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>95.9</i>	<i>73 - 126</i>				
<i>Surr: Toluene-d8</i>	<i>49.91</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.8</i>	<i>81 - 120</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4			Method: VOLATILES - SW8260C					
LCS	Sample ID: VLCSW-190418	Units: ug/L			Analysis Date: 19-Apr-2019 02:17					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043016			PrepDate:		DF: 1			
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.14	5.0	20	0	101	70 - 130				
1,1,2,2-Tetrachloroethane	19.92	5.0	20	0	99.6	70 - 120				
1,1,2-Trichlor-1,2,2-trifluoroethane	22.95	5.0	20	0	115	70 - 130				
1,1,2-Trichloroethane	18.79	5.0	20	0	93.9	77 - 113				
1,1-Dichloroethane	19.98	5.0	20	0	99.9	71 - 122				
1,1-Dichloroethene	21.35	5.0	20	0	107	70 - 130				
1,2,4-Trichlorobenzene	21.5	5.0	20	0	108	77 - 126				
1,2-Dibromo-3-chloropropane	18.43	5.0	20	0	92.1	70 - 130				
1,2-Dibromoethane	19.69	5.0	20	0	98.4	76 - 123				
1,2-Dichlorobenzene	20.58	5.0	20	0	103	77 - 113				
1,2-Dichloroethane	20.55	5.0	20	0	103	70 - 124				
1,2-Dichloropropane	19.97	5.0	20	0	99.9	72 - 119				
1,3-Dichlorobenzene	20.47	5.0	20	0	102	78 - 118				
1,4-Dichlorobenzene	19.85	5.0	20	0	99.3	79 - 113				
2-Butanone	37.23	10	40	0	93.1	70 - 130				
2-Hexanone	39.59	10	40	0	99.0	70 - 130				
4-Methyl-2-pentanone	38.69	10	40	0	96.7	70 - 130				
Acetone	41.06	10	40	0	103	70 - 130				
Benzene	20.55	5.0	20	0	103	74 - 120				
Bromodichloromethane	20.26	5.0	20	0	101	74 - 122				
Bromoform	19.68	5.0	20	0	98.4	73 - 128				
Bromomethane	25.84	5.0	20	0	129	70 - 130				
Carbon disulfide	42.11	10	40	0	105	70 - 130				
Carbon tetrachloride	20.82	5.0	20	0	104	71 - 125				
Chlorobenzene	20.02	5.0	20	0	100	76 - 113				
Chloroethane	19.92	5.0	20	0	99.6	70 - 130				
Chloroform	20.62	5.0	20	0	103	71 - 121				
Chloromethane	21.43	5.0	20	0	107	70 - 129				
cis-1,2-Dichloroethene	19.55	5.0	20	0	97.7	75 - 122				
cis-1,3-Dichloropropene	20	5.0	20	0	100.0	73 - 127				
Cyclohexane	20.7	5.0	20	0	103	70 - 130				
Dibromochloromethane	19.45	5.0	20	0	97.2	77 - 122				
Dichlorodifluoromethane	22.7	5.0	20	0	113	70 - 130				
Ethylbenzene	19.38	5.0	20	0	96.9	77 - 117				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4		Method: VOLATILES - SW8260C						
LCS	Sample ID: VLCSW-190418	Units: ug/L			Analysis Date: 19-Apr-2019 02:17					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043016		PrepDate:			DF: 1			
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	21.54	5.0	20	0	108	73 - 127				
m,p-Xylene	40.49	10	40	0	101	77 - 122				
Methyl acetate	19.07	5.0	20	0	95.3	76 - 122				
Methyl tert-butyl ether	20.42	5.0	20	0	102	70 - 130				
Methylcyclohexane	20.94	5.0	20	0	105	61 - 157				
Methylene chloride	20.48	10	20	0	102	70 - 127				
o-Xylene	20.51	5.0	20	0	103	75 - 119				
Styrene	20.22	5.0	20	0	101	72 - 126				
Tetrachloroethene	20.33	5.0	20	0	102	76 - 119				
Toluene	20.17	5.0	20	0	101	77 - 118				
trans-1,2-Dichloroethene	19.07	5.0	20	0	95.4	72 - 127				
trans-1,3-Dichloropropene	19.44	5.0	20	0	97.2	77 - 119				
Trichloroethene	19.91	5.0	20	0	99.5	77 - 121				
Trichlorofluoromethane	22.24	5.0	20	0	111	70 - 130				
Vinyl chloride	22.11	2.0	20	0	111	70 - 130				
Xylenes, Total	61.01	5.0	60	0	102	75 - 122				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>50.58</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>70 - 130</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>48.84</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>97.7</i>	<i>82 - 115</i>				
<i>Surr: Dibromofluoromethane</i>	<i>50.03</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>73 - 126</i>				
<i>Surr: Toluene-d8</i>	<i>49.95</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.9</i>	<i>81 - 120</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4		Method: VOLATILES - SW8260C						
MS	Sample ID: HS19040781-04MS	Units: ug/L			Analysis Date: 19-Apr-2019 06:22					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043025	PrepDate:	DF: 1						
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.21	5.0	20	0	106	70 - 130				
1,1,2,2-Tetrachloroethane	19.29	5.0	20	0	96.5	70 - 123				
1,1,2-Trichlor-1,2,2-trifluoroethane	22.43	5.0	20	0	112	70 - 130				
1,1,2-Trichloroethane	17.67	5.0	20	0	88.3	70 - 117				
1,1-Dichloroethane	19.81	5.0	20	0	99.0	70 - 127				
1,1-Dichloroethene	21.17	5.0	20	0	106	70 - 130				
1,2,4-Trichlorobenzene	20.25	5.0	20	0	101	70 - 125				
1,2-Dibromo-3-chloropropane	17.19	5.0	20	0	86.0	70 - 130				
1,2-Dibromoethane	17.87	5.0	20	0	89.3	70 - 124				
1,2-Dichlorobenzene	19.67	5.0	20	0	98.4	70 - 115				
1,2-Dichloroethane	20.88	5.0	20	0	104	70 - 127				
1,2-Dichloropropane	19.51	5.0	20	0	97.5	70 - 122				
1,3-Dichlorobenzene	19.18	5.0	20	0	95.9	70 - 119				
1,4-Dichlorobenzene	19.25	5.0	20	0	96.3	70 - 114				
2-Butanone	36.81	10	40	0	92.0	70 - 130				
2-Hexanone	38.05	10	40	0	95.1	70 - 130				
4-Methyl-2-pentanone	37.54	10	40	0	93.8	70 - 130				
Acetone	42.96	10	40	0	107	70 - 130				
Benzene	20.55	5.0	20	0	103	70 - 127				
Bromodichloromethane	19.87	5.0	20	0	99.4	70 - 124				
Bromoform	18.63	5.0	20	0	93.1	70 - 129				
Bromomethane	23.01	5.0	20	0	115	70 - 130				
Carbon disulfide	41.13	10	40	0	103	70 - 130				
Carbon tetrachloride	22.16	5.0	20	0	111	70 - 130				
Chlorobenzene	19.59	5.0	20	0	98.0	70 - 114				
Chloroethane	18.51	5.0	20	0	92.6	70 - 130				
Chloroform	20	5.0	20	0	100.0	70 - 125				
Chloromethane	19.55	5.0	20	0	97.7	70 - 130				
cis-1,2-Dichloroethene	18.95	5.0	20	0	94.7	70 - 128				
cis-1,3-Dichloropropene	18.91	5.0	20	0	94.5	70 - 125				
Cyclohexane	24.81	5.0	20	0	124	70 - 130				
Dibromochloromethane	19.23	5.0	20	0	96.1	70 - 124				
Dichlorodifluoromethane	14.15	5.0	20	0	70.8	70 - 130				
Ethylbenzene	19.45	5.0	20	0	97.2	70 - 124				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4		Method: VOLATILES - SW8260C						
MS	Sample ID: HS19040781-04MS	Units: ug/L			Analysis Date: 19-Apr-2019 06:22					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043025	PrepDate:	DF: 1						
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	22.18	5.0	20	0	111	70 - 130				
m,p-Xylene	40.77	10	40	0	102	70 - 130				
Methyl acetate	15.96	5.0	20	0	79.8	76 - 122				
Methyl tert-butyl ether	18.73	5.0	20	0	93.6	70 - 130				
Methylcyclohexane	25.4	5.0	20	0	127	61 - 158				
Methylene chloride	19.48	10	20	0	97.4	70 - 128				
o-Xylene	19.98	5.0	20	0	99.9	70 - 124				
Styrene	19.54	5.0	20	0	97.7	70 - 130				
Tetrachloroethene	21.65	5.0	20	0	108	70 - 130				
Toluene	20.52	5.0	20	0	103	70 - 123				
trans-1,2-Dichloroethene	19.02	5.0	20	0	95.1	70 - 130				
trans-1,3-Dichloropropene	18.24	5.0	20	0	91.2	70 - 121				
Trichloroethene	20.34	5.0	20	0	102	70 - 129				
Trichlorofluoromethane	21.75	5.0	20	0	109	70 - 130				
Vinyl chloride	0.7633	2.0	20	0	3.82	70 - 130				JS
Xylenes, Total	60.75	5.0	60	0	101	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>50.69</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.36</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>98.7</i>	<i>82 - 124</i>				
<i>Surr: Dibromofluoromethane</i>	<i>49.79</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.6</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>49.84</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.7</i>	<i>82 - 127</i>				

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4		Method: VOLATILES - SW8260C						
MSD	Sample ID: HS19040781-04MSD	Units: ug/L			Analysis Date: 19-Apr-2019 06:47					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043026		PrepDate:		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.12	5.0	20	0	106	70 - 130	21.21	0.428	20	
1,1,2,2-Tetrachloroethane	19.64	5.0	20	0	98.2	70 - 123	19.29	1.8	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	22.36	5.0	20	0	112	70 - 130	22.43	0.307	20	
1,1,2-Trichloroethane	19.09	5.0	20	0	95.5	70 - 117	17.67	7.74	20	
1,1-Dichloroethane	19.62	5.0	20	0	98.1	70 - 127	19.81	0.946	20	
1,1-Dichloroethene	20.96	5.0	20	0	105	70 - 130	21.17	1.03	20	
1,2,4-Trichlorobenzene	20.75	5.0	20	0	104	70 - 125	20.25	2.44	20	
1,2-Dibromo-3-chloropropane	19.21	5.0	20	0	96.1	70 - 130	17.19	11.1	20	
1,2-Dibromoethane	18.55	5.0	20	0	92.7	70 - 124	17.87	3.76	20	
1,2-Dichlorobenzene	20.19	5.0	20	0	101	70 - 115	19.67	2.6	20	
1,2-Dichloroethane	20.99	5.0	20	0	105	70 - 127	20.88	0.518	20	
1,2-Dichloropropane	19.2	5.0	20	0	96.0	70 - 122	19.51	1.57	20	
1,3-Dichlorobenzene	19.61	5.0	20	0	98.0	70 - 119	19.18	2.19	20	
1,4-Dichlorobenzene	19.22	5.0	20	0	96.1	70 - 114	19.25	0.153	20	
2-Butanone	38.5	10	40	0	96.2	70 - 130	36.81	4.47	20	
2-Hexanone	39.68	10	40	0	99.2	70 - 130	38.05	4.2	20	
4-Methyl-2-pentanone	39.38	10	40	0	98.4	70 - 130	37.54	4.77	20	
Acetone	45.7	10	40	0	114	70 - 130	42.96	6.19	20	
Benzene	20.46	5.0	20	0	102	70 - 127	20.55	0.453	20	
Bromodichloromethane	19.67	5.0	20	0	98.4	70 - 124	19.87	0.992	20	
Bromoform	19.43	5.0	20	0	97.1	70 - 129	18.63	4.2	20	
Bromomethane	21.01	5.0	20	0	105	70 - 130	23.01	9.07	20	
Carbon disulfide	41.68	10	40	0	104	70 - 130	41.13	1.32	20	
Carbon tetrachloride	21.4	5.0	20	0	107	70 - 130	22.16	3.46	20	
Chlorobenzene	19.41	5.0	20	0	97.1	70 - 114	19.59	0.924	20	
Chloroethane	17.88	5.0	20	0	89.4	70 - 130	18.51	3.5	20	
Chloroform	19.81	5.0	20	0	99.1	70 - 125	20	0.941	20	
Chloromethane	19.24	5.0	20	0	96.2	70 - 130	19.55	1.59	20	
cis-1,2-Dichloroethene	18.77	5.0	20	0	93.9	70 - 128	18.95	0.919	20	
cis-1,3-Dichloropropene	18.83	5.0	20	0	94.2	70 - 125	18.91	0.394	20	
Cyclohexane	24.68	5.0	20	0	123	70 - 130	24.81	0.539	20	
Dibromochloromethane	18.99	5.0	20	0	94.9	70 - 124	19.23	1.24	20	
Dichlorodifluoromethane	13.66	5.0	20	0	68.3	70 - 130	14.15	3.55	20	S
Ethylbenzene	19.18	5.0	20	0	95.9	70 - 124	19.45	1.41	20	

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336952 (0)		Instrument: VOA4		Method: VOLATILES - SW8260C						
MSD	Sample ID: HS19040781-04MSD	Units: ug/L			Analysis Date: 19-Apr-2019 06:47					
Client ID:	Run ID: VOA4_336952	SeqNo: 5043026		PrepDate:		DF: 1				
Analyte	Result	MLQ	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Isopropylbenzene	21.52	5.0	20	0	108	70 - 130	22.18	3	20	
m,p-Xylene	41.23	10	40	0	103	70 - 130	40.77	1.11	20	
Methyl acetate	17.09	5.0	20	0	85.4	76 - 122	15.96	6.84	20	
Methyl tert-butyl ether	19.43	5.0	20	0	97.1	70 - 130	18.73	3.68	20	
Methylcyclohexane	24.58	5.0	20	0	123	61 - 158	25.4	3.28	20	
Methylene chloride	19.27	10	20	0	96.4	70 - 128	19.48	1.07	20	
o-Xylene	19.91	5.0	20	0	99.5	70 - 124	19.98	0.365	20	
Styrene	19.61	5.0	20	0	98.0	70 - 130	19.54	0.366	20	
Tetrachloroethene	20.4	5.0	20	0	102	70 - 130	21.65	5.96	20	
Toluene	20.21	5.0	20	0	101	70 - 123	20.52	1.56	20	
trans-1,2-Dichloroethene	19.22	5.0	20	0	96.1	70 - 130	19.02	1.03	20	
trans-1,3-Dichloropropene	18.55	5.0	20	0	92.8	70 - 121	18.24	1.71	20	
Trichloroethene	20.58	5.0	20	0	103	70 - 129	20.34	1.15	20	
Trichlorofluoromethane	20.96	5.0	20	0	105	70 - 130	21.75	3.69	20	
Vinyl chloride	19.32	2.0	20	0	96.6	70 - 130	0.7633	185	20	R
Xylenes, Total	61.14	5.0	60	0	102	70 - 130	60.75	0.63	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>51.32</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>70 - 126</i>	<i>50.69</i>	<i>1.23</i>	<i>20</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.74</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.5</i>	<i>82 - 124</i>	<i>49.36</i>	<i>0.767</i>	<i>20</i>	
<i>Surr: Dibromofluoromethane</i>	<i>49.68</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.4</i>	<i>77 - 123</i>	<i>49.79</i>	<i>0.203</i>	<i>20</i>	
<i>Surr: Toluene-d8</i>	<i>50.38</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>82 - 127</i>	<i>49.84</i>	<i>1.07</i>	<i>20</i>	

The following samples were analyzed in this batch: HS19040940-15

ALS Houston, US

Date: 19-Apr-19

Client: Trinity Environmental
Project: 2nd 80s Fire
WorkOrder: HS19040940

QC BATCH REPORT NEW

Batch ID: R336835 (0)		Instrument: Balance1		Method: MOISTURE - ASTM D2216						
DUP	Sample ID: HS19040940-14DUP	Units: wt%		Analysis Date: 17-Apr-2019 17:05						
Client ID: SS-7 (0-6")	Run ID: Balance1_336835	SeqNo: 5040558		PrepDate:		DF: 1				
Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Percent Moisture	20.8	0.0100					18.9	9.57	20
------------------	------	--------	--	--	--	--	------	------	----

The following samples were analyzed in this batch:

HS19040940-01	HS19040940-02	HS19040940-03	HS19040940-04
HS19040940-05	HS19040940-06	HS19040940-07	HS19040940-08
HS19040940-09	HS19040940-10	HS19040940-11	HS19040940-12
HS19040940-13	HS19040940-14		

ALS Houston, US

Date: 19-Apr-19

Client:	Trinity Environmental	QUALIFIERS, ACRONYMS, UNITS
Project:	2nd 80s Fire	
WorkOrder:	HS19040940	

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/Kg-dry	Milligrams per Kilogram- Dry weight corrected
mg/L	Milligrams per Liter

ALS Houston, US

Date: 19-Apr-19

CERTIFICATIONS, ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Texas	T10470231-18-21	30-Apr-2019
North Dakota	R193 2018-2019	30-Apr-2019
Illinois	004438	29-Jun-2019
Louisiana	03087	30-Jun-2019
Dept of Defense	ANAB L2231	20-Dec-2021
Kentucky	123043 - 2018	30-Apr-2019
Kansas	E-10352 2018-2019	31-Jul-2019
Oklahoma	2018-156	31-Aug-2019
North Carolina	624-2019	31-Dec-2019
California	2919, 2018-2019	30-Apr-2019
Maryland	343, 2018-2019	30-Jun-2019
Arkansas	19-028-0	27-Mar-2020

ALS Houston, US

Date: 19-Apr-19

Sample Receipt Checklist

Client Name: TESI
Work Order: HS19040940

Date/Time Received: **16-Apr-2019 15:13**
Received by: **PMG**

Checklist completed by: Raegen Giga 16-Apr-2019
eSignature Date

Reviewed by: _____
eSignature Date

Matrices: **soil** Carrier name: **Client**

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes No Not Present
- Chain of custody present? Yes No 1 Page(s)
- Chain of custody signed when relinquished and received? Yes No COC IDs:200766
- Samplers name present on COC? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s): 5.5c - 5.4c uc/c IR 25

Cooler(s)/Kit(s): 5923/44481

Date/Time sample(s) sent to storage: 04/16/2019 15:45

- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No N/A
- pH adjusted? Yes No N/A

pH adjusted by: _____

Login Notes: Two trip blanks received but only 1 written on chain 1 placed on hold.

Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____ Regarding: _____

Comments: _____

Corrective Action: _____



Cincinnati, OH
+1 513 733 5336
Everett, WA
+1 425 356 2600

Fort Collins, CO
+1 970 490 1511
Holland, MI
+1 616 399 6070

Chain of Custody Form
Privileged and Confidential - prepared at the request of counsel

Page 1 of 2

COC ID: 200766

HS19040940

Trinity Environmental
2nd 80s Fire

in, WV
8



ALS Project Manager:

Customer Information		Project Information	
Purchase Order		Project Name	2nd 80s Fire
Work Order		Project Number	A 8250_S (TCL 4.3 VOC (8260))
Company Name	Trinity Environmental	Bill To Company	B 8270_LOW_S (Low Level TCL 4.3 SVOC (8270))
Send Report To	Jay Klein	Invoice Attn	C RCRA 8 Soil
Address	19855 Southwest Flwy	Address	D TX1005_SR3TRRP (5035)
	Suite 320		E 8250_W (TCL 4.3 VOC (8260))
City/State/Zip	Sugar Land, TX 77479	City/State/Zip	F 8270_LOW_W (Low Level TCL 4.3 SVOC (8270))
Phone	(281) 493-1749	Phone	G RCRA 8 Waters
Fax	(281) 598-1072	Fax	H TX1005_W_R31RRP
e-Mail Address	jklein@trinityenvironmental.net	e-Mail Address	I Privileged and Confidential
			J prepared at the request of counsel!

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SS-14 (0-6")	4/16/19	0815	SOIL	8.9	7	X	X	X	X							
2	SS-13 (0-6")		0840														
3	SS-12 (0-6")		0855														
4	SS-2 (0-6")		0910														
5	SS-1 (0-6")		0925														
6	SS-3 (0-6")		0945														
7	SS-4 (0-6")		0955														
8	SS-5 (0-6")		1015														
9	SS-6 (0-6")		1040														
10	SS-10 (0-6")		1110														

Sampler(s) Please Print & Sign Jay Klein / [Signature] Robert Martin / [Signature]		Shipment Method		Required Turnaround Time: (Check Box)		Results Due Date:	
Relinquished by: [Signature]		Date: 4/16/19	Time: 5:13	<input checked="" type="checkbox"/> 2-3 Business Days <input type="checkbox"/> 3-5 Business Days <input type="checkbox"/> 5-7 Business Days <input type="checkbox"/> 24 Hour		<input checked="" type="checkbox"/> 3-DAY <input type="checkbox"/> 5-DAY <input type="checkbox"/> 7-DAY	
Relinquished by: [Signature]		Date:	Time:	Received by (Laboratory): [Signature]		Notes: TESI 2nd 80s Fire	
Signed by (Laboratory):		Date:	Time:	Checked by (Laboratory): [Signature]		Cooler ID: 5923, 44481	
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035						Cooler Temp.: 5.5, 5.4, 4.25	
						QC Package: (Check One Box Below)	
						<input type="checkbox"/> Level 1 SW-107 <input type="checkbox"/> Level 1 SW-107 (with SW-107) <input type="checkbox"/> Level 1 SW-107 (with SW-107) <input checked="" type="checkbox"/> Level 1 SW-107 (with SW-107)	

note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.



Cincinnati, OH
+1 513 733 5336
Everett, WA
+1 425 356 2600

Fort Collins, CO
+1 970 490 1511
Holland, MI
+1 616 399 6070

Chain of Custody Form

Privileged and Confidential - prepared at the request of counsel

Page 2 of 2

COC ID: 200770

HS19040940

Trinity Environmental
2nd 80s Fire



ALS Project Manager:

Customer Information		Project Information	
Purchase Order		Project Name	2nd 80s Fire
Work Order		Project Number	
Company Name	Trinity Environmental	Bill To Company	InterContinental Terminal Company
Send Report To	Jay Klein	Invoice Attn	Accounts Payable
Address	19855 Southwest Frwy	Address	P.O. Box 893
	Suite 320		
City/State/Zip	Sugar Land, TX 77479	City/State/Zip	Deer Park TX 77536
Phone	(281) 493-1749	Phone	(281) 854-0300
Fax	(281) 508-1072	Fax	
e-Mail Address	jklein@trinityenvironmental.net	e-Mail Address	ap@item.com

- A: 8260_S (TCL 4.3 VOC (5035/8260))
- B: 8270_LOW_S (Low Level TCL 4.3 SVOC (8270))
- C: RCRA 8 Sol
- D: TX1005_SR3TRRP (5035)
- E: 8260_W (TCL 4.3 VOC (8260))
- F: 8270_LOW_W (Low Level TCL 4.3 SVOC (8270))
- G: RCRA 8 Waters
- H: TX1005_W_R3TRRP
- I: Privileged and Confidential
- J: prepared at the request of counsel

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SS-11 (0-6")	4/16/19	1125	SOIL	8,9	7	X	X	X	X							
2	SS-8 (0-6")		1145														
3	SS-9 (0-6")		1225														
4	SS-7 (0-6")		1240														
5	Trip Blank		NA	water	1,8	2	X										
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)		Results Due Date:	
Jay Klein Robert Martin Date: 4/16/19				<input checked="" type="checkbox"/> 3-5 Business Days <input type="checkbox"/> 5-7 Business Days <input type="checkbox"/> 7-10 Business Days <input type="checkbox"/> 31 Hour			
Relinquished by:		Received by:		Notes:			
Date: 4/16/19		Date: 4/16/19 15:13		TEST 2nd 80s Fire			
Relinquished by:		Received by (Laboratory):		Cooler ID		Cooler Temp.	
Signed by (Laboratory):		Checked by (Laboratory):				QC Package: (Check One Box Below)	
						<input type="checkbox"/> Level 1 SVOC <input type="checkbox"/> Level II SVOC (SW-846) <input type="checkbox"/> Level III SVOC (SW-846) <input checked="" type="checkbox"/> RCRA 8 Sol <input type="checkbox"/> RCRA 8 Waters <input type="checkbox"/> Other	

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

- Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
- Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
- The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.